Maritime Heritage Minnesota

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CLEAN WATER LAND & LEGACY AMENDMENT

Log Book 10 of the USS Essex

November 12, 1881 ~ November 30, 1882

The Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship

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USS *Essex* Log Book 10

Finding Aid

Adams class ship USS *Essex* (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS *Essex* could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS *Essex* log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the *Essex* as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the *Essex* that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the *Essex* in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the *Essex*, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS *Essex* log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

Log Book 10 of the USS *Essex*: November 12, 1881 - November 30, 1882

The Naval Academy in Annapolis houses USS *Essex* Log Book 10. This log differs from the others in design since only one page is dedicated to each day of life on board the *Essex*. Further, the narrative section of the log is small, allowing for a limited amount of information. Log Book 10 records information also chronicled in Log Books 8, 9, 11, and 12, but oddly contains several observations not recorded in the other books. Throughout Log Book 10, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and *vice-versa*
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and *vice-versa* when the *Essex* was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- crew conducting ship maintenance: general ship cleaning, bilge cleaning and checking pumps, scraping and painting - and sometimes tarring and caulking - the ship's hull and infrastructure, loosed sails to dry, scraping and slushing spars, turned and cleaned hammocks and bedding
- crew conducting drills: target practice with the main battery (great guns), floating target practice, boat drills - all hands called to arms and away all boats for naval tactics under sail and oars, general quarters drills, small arms drills, fire drills, single stick drills, torpedo drills, surprise enemy attack drills, pistol drills, Winchester Hotchkiss Magazine Rifle drills, gatling gun drills, abandon ship drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories

of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore
- lists of new crew members - recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- Sunday services after the reading of the Articles for Better Government of the Navy

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 10, on November 12, 1881, the USS *Essex* was moored at the League Island Navy Yard in the Delaware River at Philadelphia, PA. She was recommissioned for active duty service in the US Navy under Commander Alexander H. McCormick. The log lists the officers assigned to the ship. Throughout the first week on board, *Essex* received provisions such as water (for boilers and consumption), general ship's stores, and taking on coal from two barges. Also, Navy Yard men continued working on the ship. Commander McCormick mustered his men and sent a visiting party to US Receiving ship *St. Louis*. Shortly thereafter, men assigned to serve on *Essex* arrived from USRS *St. Louis*. The men took on board torpedo spars and a set of sails, and *Essex* was prepared for dockside engine trials. Even at this early date in her recommissioning, *Essex* sent men ashore for liberty - and a reward was offered to the local police for AWOL crewmen. Commander McCormick called all divisions to quarters and worked the battery, and tugboat *Pilgrim* delivered powder and shells, and two crewmen were sent to Naval Hospital. On November 27, McCormick inspected the ship, the magazine was re-stowed, and some rigging was set up. On November 28, USS *Essex* was standing down the Delaware River and anchored, and took bearings off Newcastle Range Light. On November 29, *Essex* departed for sea, passing the Cape May Light and anchored before Cape Charles, taking soundings along the way.

In early December 1881, Essex received a pilot on board and up anchored and dropped anchor when the ship approached Norfolk. An officer from the sloop-of-war USS *Kearsarge* visited the *Essex* with the usual compliments. A lighter from Fort Norfolk moved alongside the ship, and assisted her in moving to the Navy Yard drydock. On December 4, Commander McCormick read the 'Articles of War' to the crew, and Essex's writer was found to be AWOL; a $20 reward was offered for his arrest. For the next 11 days, water was pumped into the ship's boilers for heating, the hammocks were

cleaned, the hold broken out, cleaned, and re-stowed, and the lines ere made fast for the purpose of hauling the ship out of the dock. The crew was called to quarters, inspected, and drilled in single sticks and small arms. On December 15, *Essex* was moved out of drydock during a high tide and was then moved to the coal dock and received coal. The sidewheel dispatch boat USS T*allapoosa** delivered 33 apprentice boys, five seamen, and one ordinary seaman to *Essex*; they were transferred from the US Receiving Ship *Colorado*. The crew remained busy painting the ship and tarring down the rigging. On December 22, *Essex* got underway and headed toward Norfolk, making the ship ready to receive power and shells. Two days later, an ammunition lighter from Fort Norfolk came alongside and loaded shells into *Essex's* magazine. From December 25 to the end of the month: the crew was inspected at quarters. instructed in sail handling, the rigging of the forward torpedo booms, and they exploded a torpedo primer. The Board of Inspection boarded the ship, the steam cutter was hoisted in, and preparations were made for sea. Capt. J.L. Davis and Chief Engineer J.W. Moor came on board to witness *Essex's* steam trial; then she got underway into Chesapeake Bay, made all possible boiler power and conducted a series of timed turns. The engineers then shut off the steam and she made sail. She anchored off Fortress Monroe, taking bearings off Craney Light. On December 31, *Essex* up anchored and steamed to anchor at Norfolk Navy Yard.

In early January 1882, *Essex* received more men from USRS *Colorado*; at a crew muster, men were found absent from quarters and a $10 reward was offered to the local authorities for their return. A work party sent for coal lighters; when they arrived, the coal was loaded into *Essex's* hoppers, and ashes were loaded onto the now-empty lighters. The crew overhauled the bower cables and re-stowed them, and they overhauled the bilge pumps. On January 9, *Essex* left Norfolk Navy Yard for Fort Monroe and the crew exercised with the ship's great guns, shooting 10 shells; one shell prematurely exploded outside the muzzle. *Essex* anchored for the night and the next day, she up anchored and steamed toward Cape Henry. On January 13-14, *Essex* experience heavy weather that required the use of life lines on deck since the ship was rolling and shipping considerable quantities of water. Commander McCormick ordered the engine be started to assist in moving through the heavy seas - the crew was unable to hoist the stack, but the engine was still fired. The heavy seas caused the loss of a starboard light, a sentry grating, and an anchor buoy. During the squall, *Essex* passed a barque and the wheel ropes became unmanageable, so relieving tackle was hooked up. At daybreak on January 15, the storm had passed and *Essex* was put under sail again. Over the next 10 days, the crew sighted a brig and barque, the officers exercised the divisions at small arms and in single sticks, and punishments were doled out to crew men who shirked their duty. As the ship continued on, they passed a westbound steamer and British barque - the two ships exchanged dipped colors. During the night watch on January 25, a light was two points off the port bow; the ship wore to clear it and then regained her previous heading. During the last days of the month, *Essex* exchanged signals with a westbound British steamer and General Quarters was cancelled on account of heavy swells.

In early February 1881 while on course for Madeira, the crew was busy scrubbing and oiling the copper on both launches, they mustered at quarters, and conducted fire drills. *Essex* exchanged salutes and longitude with a Greek barque, passed a ship that had her topgallant mast carried away, and sighted four men-of-war that made up the Dutch training squadron. On February 4, the engine was temporarily stopped on account of an accident involving the water valve of low pressure cylinder. The next day, *Essex* anchored in Funchal, Madeira and for the next six days, Commander McCormick paid official visits, the ship received coal and the engine distilled, crewman who broke his leg in January was sent to the shore hospital, and disciplinary action was taken on drunk crewmen. The crew noted that a British mail steamer left port while another anchored, along with British corvette (Her Majesty's Ship) HMS *Algerine*.

On February 11 *Essex* left Funchal, passing a British steamer heading northward and another steamer heading to the southwest, and two crewmen were put in irons to await court martial. The engine broke down due to two studs being carried away on a connecting rod; the engineers repaired the damage Three days later, the ship entered Santa Cruz Harbor on the Island of Tenerife. *Essex* received official visits from the Aide de Camp of the Governor of Tenerife and the Captain of the Port, while one crewman was put in solitary confinement for five days for drinking shellac on board ship. On February 18, *Essex* departed Santa Cruz and while at sea, the crew took great gun target practice on a floating target, they rigged a torpedo boom and fired a practice torpedo, and did firing practice with the Gatling gun. On February 25, the ship anchored in Porto Praya (Praia) and Commander McCormick, the Governor, the American Vice Consul, and the Governors Aide exchange visits. While in port, two schooners passed into the harbor and three days later, *Essex* left Porto Praya for Porto Grande.

On March 1, *Essex* anchored in Porto Grande on St. Vincent Island. Commander McCormick and his officers, the US Consul, the Captain of the Port, the Mayor, the Military Council, and the port's health officer exchanged visits. The crew sent down the topmasts and yards and determined the fore topgallant mast was sprung. The crew noted that two steamers, a barque anchored, and two English steamers anchored in the port. The French corvette *Talisman* anchored just astern of *Essex* and her captain paid a visit to Commander McCormick. The log book goes into detail about the out-fitting of *Talisman*; she was barque rigged, displaced about 1,000 tons, she carried four broadside guns and two pivot guns - all breech-loading rifles - and two Hotchkiss revolving cannons on the poop. She could carry 250 tons of coal, steams at 12.5 knots per hour, and accommodated a crew of about 150. English mail steamer *Luna* left port with crew mail on board for the US.

On March 11, *Essex* left Porto Grande, headed back to Porto Praya, where visits were exchanged with an officer of the Portuguese gunboat *Guenza*, and the Portuguese steamer *China* anchored in the port. Three days later, the ship left Porto Grande, and for the next 10 day, the crew took target practice on a floating target, and had pistol and rifle practice, and the forward bilge pump was overhauled for the third time in the month. On March 24, the ship anchored in Monrovia, Liberia, and visits were exchanged with Virginian-born Liberian President Anthony W. Gardiner's representative; the American

Consul, US Vice Consul General, and corvette HMS *Algerine*. The crew loosed the sails to dry and cleaned the bilges. *Essex* also received an official visit from the aid to the Governor of Sierra Leone, who was in port on his yacht the *Prince of Wales*. The English mail steamer *Nubia* anchored in the harbor and the Secretary of the Interior of the Republic of Liberia came on board for passage to another Liberian port.** Then HMS *Algerine, Prince of Wales, an* American barque, and the mail steamer *Nubia* left the harbor. On March 29, *Essex* departed Monrovia, casting deep sea lead for depth soundings, and anchored in Bassa, Liberia the next day. The Liberian official went ashore and met with the US Consul who then visited *Essex*. On March 31, the ship left Bassa and the crew took great gun practice after leaving the harbor.

In early April 1882, *Essex* anchored in Sinoe, Liberia, and the ship was visited by Georgia-born Attorney General Joseph J. Ross of Liberia. Two more Liberian passengers, Senators Sherman and Fuller, come on board and on April 2, *Essex* departed Sinoe for Cape Palmas. The next day, the ship anchored at Cape Palmas and the Liberian officials went ashore. On April 5, *Essex* left Cape Palmas, and the crew unbent cable & awning stanchions and sent them below. The next day, the ship hove to to pick up chickens which had been dropped overboard - and they caught three sharks. The forward bilge pump was overhauled - again - the crew engaged in fire and ‘surprised by an enemy’ drills, and they lost battle axe overboard. As the ship moved forward during April, the crew prepared to explode a fuze in a service torpedo at the starboard forward boom. But, in rigging out the boo, it was damaged. The crew hoisted the boom in and cut it up for firewood. On April 27, once again the crew exercised crew in repelling boarders and a barque heading northwest was sighted.

On May 1, 1882, ‘two boys’ - apprentices - were painting the steam launch and fell overboard, catching hold of the gangway. The crew lowered life buoys and a lifeboat lowered, and the ship hoved to in order to get them to safety. All fires and lights were extinguished when the crew were tasked to fill 28 nine-inch shells with powder, fuze them, and stow them in the shell room. After the magazine was closed, the ship’s fires were started. *Essex* passed an English brig standing to the northeast; both vessels dipped their colors. *Essex* experienced heavy seas which stove in both pivot ports and starboard end of the bridge; with the wind blowing a stiff gale, the engine was shut down. The engine was restarted when the wind and sea had died down sufficiently. On May 16, *Essex* exchanged signals with sloop-of-war USS *Brooklyn* as she approached Uruguay and anchored in Montevideo. *Essex* received official visits from the Commanding Officers of Italian, French, Argentine, Spanish, Brazilian & English men-of-war, while Commander McCormick exchanged visits with the Commanding officer of *Brooklyn* and the US Consul. The crew cleaned hammocks and painted/tarred down the ship, while a crewman broke his leg on shore and was left at English Hospital. During the last part of May, the sloop-of-war USS *Marion*, an Argentinan gunboat, and corvette HMS *Garnet* anchored in Montevideo Bay while the French gunboat *Bourdonnais* and USS, *Brooklyn* left the harbor. On May 25, the crew dressed *Essex* for Uruquayan Independence celebrations. *Essex* also accepted provision on board and Commander McCormick inspected the crew and ship. Also, *Essex* sent a boat to the American barque *Ada Gray* - with no reason given.

On June 1, *Essex* received an official visit from HMS *Garnet* and from the US Minister to Uruguay. For the next 9 days, Commander McCormick also exchanged visits with HMS *Firefly* and HMS *Rifleman*. An English gunboat entered harbor and the crew went through drills when the officers called away all boats and the crew exercised under oars. The Captain of the Port boarded *Essex* to request colors be flown at half-mast in commemoration of Giuseppe Garibaldi; *Essex* complied on June 5. The ship then received visit from CO of *Firefly* and from an Italian officer who came aboard to thank us for dressing ship on the Italian holiday. A strong squall came through; the crew battened down the ship and the anchor chain was adjusted. The ship's catamaran washed away during the storm and drifted ashore; it was recovered and the ship commenced coaling. An English mail steamer anchored in Montevideo and on June 10, *Essex* left the bay. For the next 3 weeks, *Essex* took sounds along the shoreline and anchored in Possession Bay in the Straits of Magellan. The ship up anchored and steamed to Elizabeth Island, where she anchored once again. A large barque-rigged steamer passed heading east, and *Essex* steamed to Sandy Point Harbor and anchored.Commander McCormick CO made an official visit to shore authorities and a liberty party was sent ashore. While traveling through the Straits, the crew was engaged in firing practice with great guns and small arms. On June 28. *Essex* up anchored and continued steaming down the Straits of Magellan and anchored in St. Nicholas Bay.

On July 1-2, 1882, *Essex* left St. Nicholas Bay and steamed toward Borja Bay and anchored, and then moved onto Tamar Bay. On July 4, the crew dressed the ship for July 4 and dropped an extra anchor on account of rough weather. On July 7-8, the ship left Tamar Bay and anchored in Tuesday Bay and then stood for the mouth of the straits. On to Cape Pillar, and it must be noted that *Essex* was moving into the area where the War of the Pacific began in 1879. O July 22, *Essex* anchored in Valparaiso, Chile; official visits were exchanged with officers from the sloop-of-war HMS *Mutine,* French gunboat *Limier*, Chilean Flagship armored frigate *Almirante Cochrane*, and the US Consul. The ship took on coal, the ironclad French Flagship *Montcalm* anchored, and on July 29, *Essex* left Valparaiso and engaged in target practice on the open sea. During this exercise, the crew 'ascertained the tactical diameter of the ship'. The next day *Essex's* ensign was flown at half-mast out of respect for Rear Admiral John Rodgers, who had died in early May.

In early August 1882, *Essex* was traveling northward along the Chilean coast, with the crew conducting target practice with rifles and ship maintenance. On August 4, the ship anchored in Coquimbo, Chile, and visits were exchanged with officers of the English storeship, the US Consul, and the Governor of the Province. While at anchor, the crew loosed sail but furled it again on account of squall, and they unbent the storm mizzen and storm staysail and sent them below. The *Essex* remained at Coquimbo for the remainder of August and throughout the month, Commander McCormick offered rewards for the return of AWOL crewmen. The crew cleaned the spars, scraped the bright woodwork and the inside of the ship, painted the ship, overhauled slings on the fore and main yards, hoisted out sailing launch and exercised at arms and away all boats, fired two practice torpedoes, and they lost one spar belonging to torpedo boom. An English mail steamer arrived in port and another one left. On August 18, HMS

Mutine anchored and two days later, British battleship Flagship HMS *Swiftsure* arrived; courtesies were exchanged, including a visit from Rear Admiral Lyon of the Royal Navy and the American Minister to Chile. Later in the month, anEnglish mail steamer, an American barque, and another English steamer anchored in the bay. Rewards were paid for the return of several crewmen who were AWOL - including the ship's cook. Some *Essex* crewmen found the body of an English Marine floating in the harbor and sent it to HMS *Swiftsure*; the ship raised half-masted colors during the funeral on board the English flagship.

In early September 1882, three mail steamers arrived at Coquimbo, along with An English steamer from the south and a Chilean steamer from the north. *Essex* received a visit from the Commanding Officer of Flagship HMS *Swifsure* and the HMS *Mutine* left the harbor. Commander McCormick officially declared AWOL crewmen to be deserters, and one crewman was confined for bringing liquor on board and refusing to throw it overboard when ordered. On September 12, *Essex* left for Valparaiso, Chile and anchored there the next day. The usual visits were exchanged with Italian and Chilean men-of-war, HMS *Mutine,* the US Consul, and a Chilean Commodore. On September 16, *Essex* paid an additional fee for the destruction of a policeman's cap by a drunk AWOL crewman, returned to the ship by the Valparaiso authorities. On September 17, *Essex* was dressed with the Chilean flag at the mainmast and Flagship *Almirante Cochrane* fired a gun salute. *Essex* also received an official visit from the Captain of Port. The next day, the ship was still dressed with the Chilean ensign, and she fired salutes in celebration of Chilean Independence Day. French and English steamers entered the harbor, HMS *Mutine* left harbor, and two *Essex* crewmen were declared deserters. On September 26, *Essex* left Valparaiso Harbor, passed Valparaiso Lighthouse, and headed northward. While at sea through late September, the crew had great gun target practice with a floating target; it was lost and not recovered. One crewman was given disciplinary action for insolence toward the Engineer of the Watch.

In early October 1882, as the ship headed northward, the *Essex* crew mustered at quarters and conducted routine drills. On October 4, the ship anchored in Iquique Harbor, Chile. The usual visits were given and reciprocated with officers of HMS *Swiftsure*, HMS *Mutine*, the Captain of the Port, and the US Consul. Large sailing vessels were sighted off the ship's starboard bow, the ship was coaled, and rewards were offered for AWOL crew. On October 7, *Essex* left Iquique - two crewmen were found to be absent and declared them deserters - and anchored in Arica, Peru*** two days later. Commander McCormick ordered that a kedge anchor be put out on the starboard quarter as a spring to keep the ship's head to sea; a maneuver called kedging. *Essex* had to adjust the kedge cable on account of a Chilean transport brig that anchored too close to the ship. The crew exercised in divisions at quarters, conducted target practice, and practiced with the Gatling gun. On October 12, the ship's Medical Officer went ashore to obtain a bill of health and then *Essex* departed Arica Harbor at noon. Heading north, *Essex* stopped steaming and made sail; the crew conducted torpedo drills, had target practice with the great guns.

On October 18, the ship anchored in Callao Bay, Peru, and *Essex* exchanged signals with US ships in the harbor: sloop-of-war USS *Iroquois,* steam sloop Flagship USS *Pensacola*, and clipper Station Ship USS *Onward*. Courtesy visits were exchanged with Flagship HMS *Swiftsure,* Chilean ironclad *Huascar*, French gunboat *Limier*, Italian corvette *Archimedes*, and the US Consul. The crew drilled at abandoning ship and a survey was held on the fore topmast, torpedo boom cradle of the starboard launch, and crank pin of the high pressure cylinder of the engine. A French man-of-war anchored, the English fleet left Callao, and *Essex* received 13 crewmen transferred from *Pensacola*. On October 24, *Essex* went to quarters and received a visit by Commander of of the Pacific Squadron Rear Admiral George B. Balch and his staff who were received with the usual ceremonies. Admiral Balch inspected the ship and cleared her for action; Admiral Balch visited the ship for a second time on October 28. *Essex* was coaled, the crew practiced with torpedoes, and two crewmen were put in irons to await a court martial trial for desertion. Flagship HMS *Swiftsur*e, HMS *Mutine*, and Chilean armored frigate Flagship *Blanco Encalada* - sister ship to *Alimante Cochrane* - anchored, and visiting parties were sent to Flagship USS *Pensacola* and USS *Iroquois*. A crewman was discharged by the authority of Admiral Balch and the crew launched all boats and exercised naval tactics under sail.

At the beginning of November 1882 at Callao Bay, the crew continued to exercise naval tactics with small boats under oars, and cleaned the ship - including the hammocks. *Essex* received provisions from USS *Onward* and Commander McCormick disciplined a crewman for spreading 'scandalous reports' on a fellow shipmate. Two crewmen were transferred to one of the American ships for transport to the Receiving Ship at New York (USRS *Vermont*) to be transferred to the Naval Hospital. *Essex* received an official visit from Royal Navy Rear Admiral Sir Algernon McLennan Lyons, Commander in Chief of the British Pacific Station. A Chilean gunboat and French Flagship *Montcalm* anchored and salutes were exchanged with ships in harbor. On November 10, Rear Admiral Balch visited *Montcalm* and other civilities were exchanged. Three days later, Chilean ironclad *Blacno Encalada* fired a 13-gun salute with the English flag at the fore, with a salute returned by HMS *Swiftsure*. The French Admiral hauled down his flag from *Montcalm's* mast and all the ships saluted him with their guns. On November 14, the new French Admiral hoisted his flag and was saluted by all ships in the harbor with 13 guns. *Montcalm* fired a salute with Chilean flag at the fore and *Blanco Encolada* left Callao and fired her heavy guns once outside the harbor. Flagship USS *Pensacola* fired a 17-gun salute in honor of Admiral Lynch of the Chilean Navy, and the new French Admiral visited *Essex*. *Essex* also received a crewman from USS *Onward*.

On November 20, the crew dressed the ship with the Italian flag at the fore and a series 21-gun salutes were were traded between the flagships - Italian *Carraciola*, English HMS *Swiftsur*e, French *Montcalm*, and USS *Pensacola* - in the harbor at 8 am, noon, and sunset. *Essex* once again Received a visit from Rear Admirals Balch and British Admiral Lyons, and the French cruiser *Eclaireur* left the harbor. Toward the end of the month, the English gunboat *Rocket* and a Chilean anchored in the port. On November 27, four USS *Essex* officers participated in the funeral ceremonies and transfer of bodies of Spanish sailors killed in action during the Battle of Callao in 1867. The USS

Iroquois left the harbor under sail and Flagship USS *Pensacola* signaled to her. On November 29, the flagships in the harbor fired 11-gun salutes with the German flag at the fore.

*USS *Tallapoosa* towed USS *Constitution* from Newport, RI to New York for her de-commissioning on December 14, 1881, explaining her presence in the Naval Yard and her availability to act as a transport ship for the *Essex*.
**This information differs from that given in Log Books 8-9. MHM suspects the other log book is correct since it was the official ship's record.
***Arica officially became part of Chile in 1883.

Tags:
American Ships: barque *Ada Gray*, sloop-of-war USS *Brooklyn*, US Receiving Ship *Colorado*, sloop-of-war USS *Essex*, sloop-of-war USS *Iroquois*, sloop-of-war USS *Marion*, clipper Station Ship USS *Onward*, steam sloop Flagship USS *Pensacola*, US Receiving Ship *St. Louis,* sidewheel dispatch boat USS *Tallapoosa*

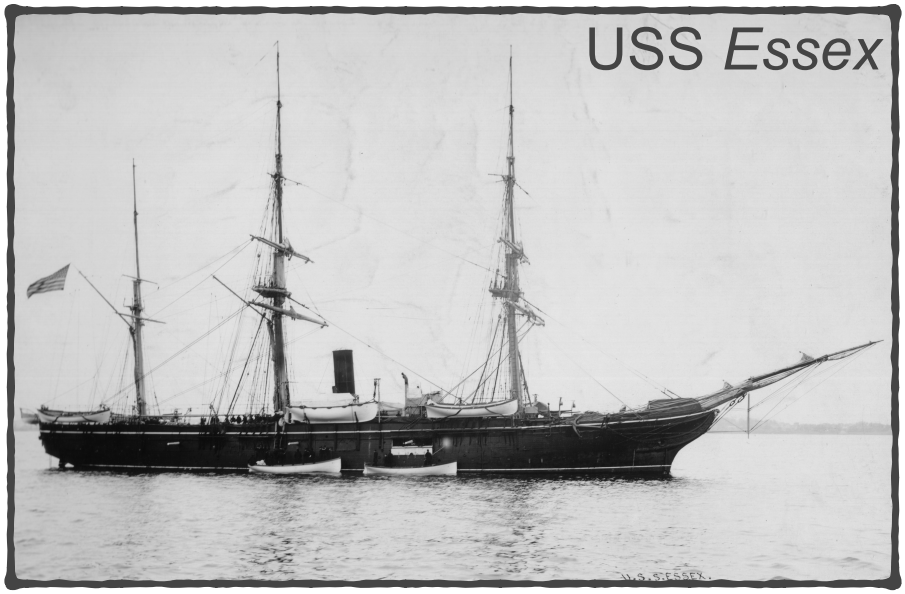
British Ships: corvette HMS *Algerine,* corvette HMS *Garnet*, mail steamer *Luna*, sloop-of-war HMS *Mutine*, gunboat HMS *Rocket*, battleship Flagship HMS *Swiftsure*

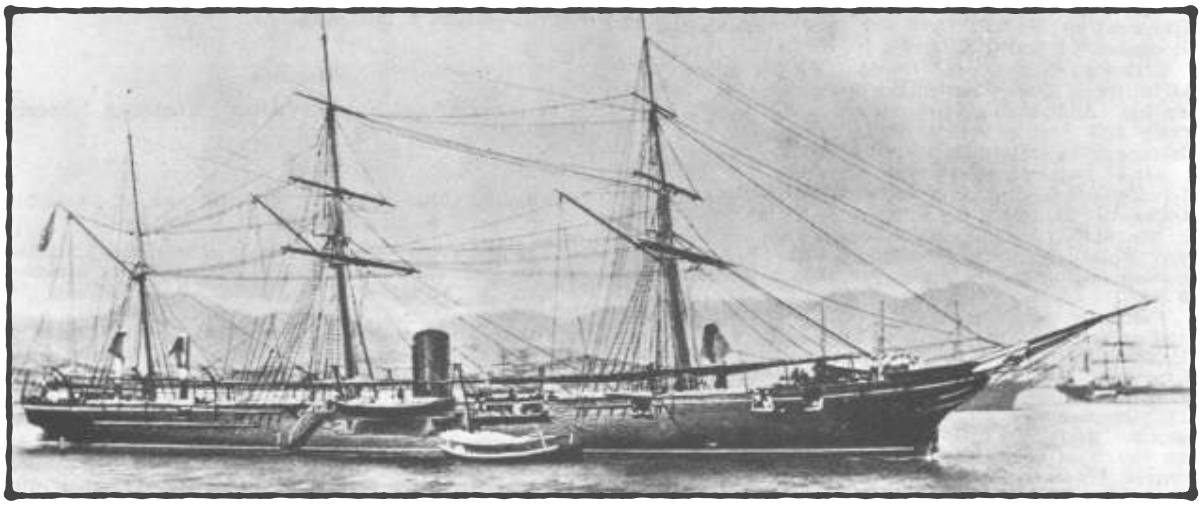
Chilean Ships: armored frigate Flagship *Almirante Cochrane*, armored frigate Flagship *Blanco Encalada*, ironclad *Huascar*

French Ship: gunboat *Bourdonnais*, cruiser *Eclaireur*, gunboat *Limier*, ironclad Flagship *Montcalm*, corvette *Talisman*

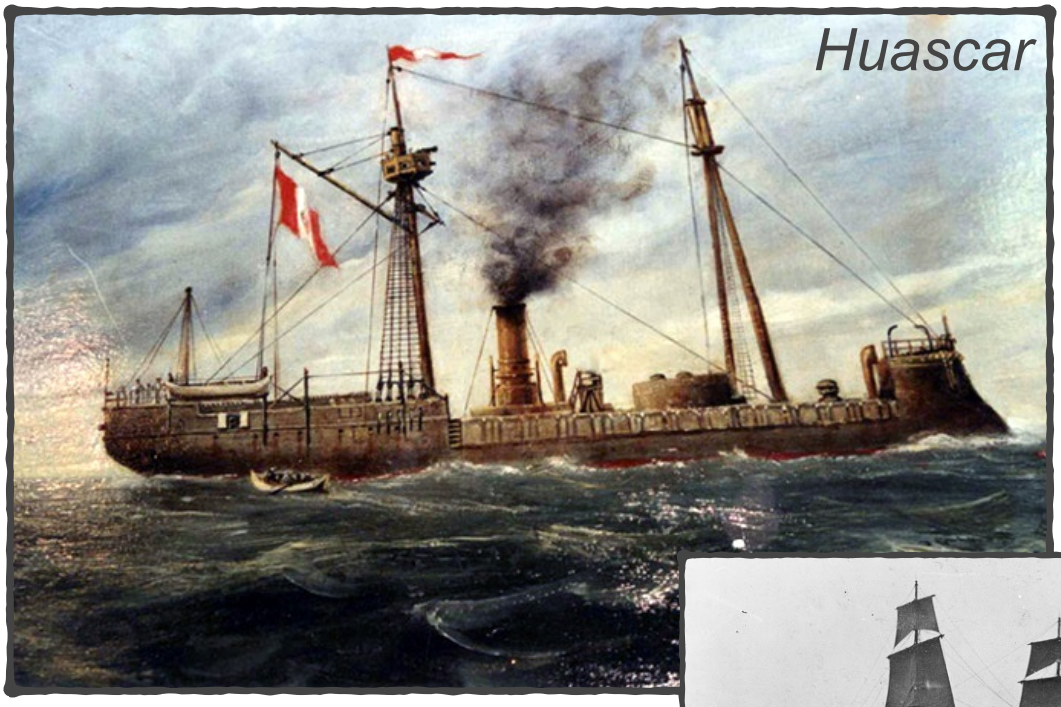
Portuguese Ships: gunboat *Guenza*, steamer *China*

Sierra Leonean Ship: yacht *Prince of Wales*





USS *Iroquis*



HMS *Gannet*

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

REMARKS:

_____ 187

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored to															
2	Dock.															
3	Layton Island															
4	"						29	84	56	54	-		0	Mimb	0	
5	"															
6	"															
7	"															
8	"						29	82	63	60	-		0.C.S.	Mimb	0	
9	"			S.S.W.	7											
10	"			"	7											
11	"			S W	1/2											
12	"			"	3		29	77	59	58	-		0.C.S.	Mimb	0	

REMARKS:

Nov. 12 th 1891

At 1 P.M. Lt. Commdr. H.C. White as representative of the Comdt. of the yard put the ship in commission & Commdr A.H. McCormick took command. The following officers were on board and began their duties Commdr A.H. McCormick. Lieut. M.R.S. MacKenzie, Lt W.H. Parker. Lt. W. Kellogg Lt. C.P. Rae, Master W.M. Irwin, Cadet-Midn. R.B. Dashiell, H.C. Haines, J.P. Blow, G. Barnett, W.L.R. Emmet, Chief Engr. D.B. McCarthy, Surgeon M.L. Ruth, P.A. Paymaster L.A. Yorke, 1st Lieut-of Marines E.C. Berryman, Asst. Engr. F.J. Hoffman Cadet-Engrs, M Brinton, W.W. C. Ridgway, W.H. Gartley. Forty nine petty officers & men were received from the St. Louis. Fifteen tons of coal were on board at time of going into commission.

The weather was disagreeable with a moderate gale from S.a & W.a & a heavy driving rain.

The day was spent in getting on stores.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick. U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to			W	3											
2	Buoy.			W. by S	2											
3				W.N.W.	2											
4				"	2		30.01	71	56	—		O.C.	Strat-	9		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.02	68	48	—		O.C.	Strat-	6		
9				W. by N	1											
10				"	1											
11				"	1											
12				"	1		30.05-	58	47	—		O.C.	Strat-	9		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				W.N.W.	3											
2				"	2											
3				"	2											
4				"	2		30.01	71	56			O.C.	Strat	9		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.02	68	48			O.C.	Strat	10		
9				N.N.W.	1											
10				"	1											
11				"	1											
12				"	1		30.05-	58	47			O.C.	Strat-	10		

REMARKS:

Nov. 13th 1881

The day began rainy & disagreeable but the wind soon hauled to the N.W. & W. and the weather became pleasant. Mustered the Crew at quarters for the first time and sent a visiting party to the Receiving ship St. Louis.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored To			Calm												
2	Dock			"												
3		"		"												
4		"		"			30.04	64	60			F	None		10	
5		"		"												
6		"		"												
7		"		"												
8		"		"			30.10	64	47			F	—		10	
9		"		"												
10		"		W.	2											
11		"		W.S.W.	3											
12		"		"	3		30.18	64	56			F.C.	Cir Cum.		7	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				W.S.W.	2											
2				"	2											
3				"	2											
4				W.S.W.	2		30.28	61	55			F.C.m.	Cir.	9		
5				W	2											
6				"	2											
7				"	2											
8				"	2		30.28	62	54			Clear	—	10		
9				Calm	0											
10				"	0											
11				"	0											
12				"	0		30.23	62	48			F.	—	10		

REMARKS:

Nov. 14 1881

Pleasant clear and calm weather with bright moon. Light in the early morning. The day was spent in getting in stores and hoisting in the Sailing Launch. Men from the Navy Yard were at work on the vessel during the day. Limsha taking in water.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to			W.S.W.	3											
2	Dock			"	3											
3				"	3											
4				"	3		30.28	60	47			b.c.	cir.	9		
5				N.W.	3-6											
6				"	3-7											
7				"	3-6											
8				"	3		30.46	49	41			b.c.q	cir	9		
9				"	6											
10				"	6											
11				"												
12				"	5		30.49	58	44			b.c.q.	cir	6		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.W.	5-											
2				"	5-											
3				"	5-											
4				"	3		30.87	64	46			b.c.q	cir	9		
5				"	4											
6				"	2											
7				"	1-2											
8				W	1		30.70	65-43				b	—	10		
9				N	1											
10				"	1											
11				"	1											
12				"	"		30.79	70	38			b	—	10		

REMARKS:

Nov. 15th. 1881

The day opened clear and pleasant but the weather changed and during the middle of the day there was a heavy breeze from the N.a + W.a. Towards Evening the wind went down and the day Ended Clear.

The day was spent in taking in stone and the Navy yard workmen were at work on the vessel.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to Dock			N	1											
2				"	1											
3				"	1											
4				"	1		30.80	70	35			f	—	10		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.82	70	38			f	—	10		
9				"	1											
10				S.W.	2											
11				"	1											
12				"	1		30.78	65	48			f	—	10		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				S.W.	1											
2				W	1											
3				W.S.W.	1											
4				S x W	1		30.74	67	67			b.c.	Cir	9		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.73	68	45			b.	—	10		
9				"	1											
10				"	1											
11				S"	1											
12				"	1		30.68	68	45			b.	—	10		

REMARKS:

Nov. 16th 1891.

Clear and pleasant weather with light airs from the Sd & Wd.

The day was spent in work about the ship and in getting in stores.

LOG OF U. S. S. "Essex" Commanded by Comndr. A. St. M^c Connell

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to dock			Calm	0											
2				"	0											
3				"	0											
4				"	0		30.69	61	41			f	—	10		
5				"	0											
6				"	0											
7				"	0											
8				"	0		30.68	64	43			f	—	10		
9				"	0											
10				"	0											
11				S	1											
12				S.S.W.	2		30.62	66	56			f	—	10		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				S x W	2											
2				S	2											
3				"	1											
4				"	1		30.63	66	58			f.c.	Strat	7		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.46	67	57			f.c.	Strat	5		
9				"	1											
10				S.S.W.	2											
11				"	2-3											
12				"	2-3		30.42	66	57			f.c.	Cum	3		

REMARKS:

Nov. 17th. 1881

Took in stores and men at work on usual. Weather cold and cool in first half of the day and light air rising from S^a & W^a during the second half. Bright moon light in the early morning.

LOG OF U. S. S. Essex Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to Dock			S.S.W.	4											
2				"	4											
3				"	5											
4				"	6		30.28	70	60	55		B.C.	Cum	5		
5				"	5											
6				"	4											
7				"	4											
8				"	4		30.22	70	60	56		B.C.	Cum	6		
9				"	6											
10				"	4											
11				W.S.W.	7											
12				"	4		30.14	67	60	57		B.C.d.	Nim	1		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				W.S.W.	4											
2				S.W.	4											
3				"	3											
4				"	2		30.08	70	64	60		B.C.R.	Nim	9		
5				"	1											
6				Calm	0											
7				"	0											
8				"	0		30.04	62	62	58		Clear	—	10		
9				S.W.	3											
10				S.W.	4											
11				"	5											
12				"	6		29.90	62	62	58		B.C.	Cir. Cum	8		

REMARKS:

Nov. 18th. 1871

Squally threatening weather with drizzling rain.
Took in coal from two barges alongside. Men from the yard at work on the ship. Crew employed in getting in stores.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to			S.W.	6											
2	Dock			"	4											
3				W.S.W.	5											
4				W	5		29.88	65	61	58		b.c.	Cum. Nim.	6		
5				"	3											
6				"	2											
7				W.S.W.	2											
8				"	2		29.92	64	58	57		b.c.	Cu Nim	1		
9				W by S	2											
10				"	2											
11				"	2											
12				W.	4		29.86	66	64	60		b.c.	0	10		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				W x N	3											
2				W. by W.	3											
3				"	3											
4				"	4		29.94	68	60	58		b.cd.	Nim	0		
5				W	3											
6				"	2											
7				"	3											
8				"	3		30.05-7	0	62	48		b.cdg.	Nim	0		
9				W.N.W.	3-5											
10				"	4											
11				"	4											
12				"	5		30.05-7	2	46	42		b.cdg.	Nim	0		

REMARKS:

Nov. 19th 1891

Coaled ship and received stores. Yard workmen at work on ship. Received four men from the St. Louis. Weather cloudy with light rain. Wind moderate W'ly

LOG OF U. S. S. Essex Commanded by Comdr A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored			W.N.W.	5											
2	to Wharf.			"	5											
3				"	5											
4				"	4		30.32	72	42	38		B.C.g.	Nimb	7		
5				"	4											
6				"	3											
7				"	4											
8				"	4		30.54	72	36	34		B.C.g.	Cir	6		
9				N.W.	4											
10				"	5											
11				"	4											
12				"	4		30.58	73	41	38		B.C.g.	Cir Cum	5		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.W.	4											
2				"	3											
3				"	3											
4				"	3		30.3	76	42	39		B.C.	Cir Cum	8		
5				Calm	0											
6				"	0											
7				"	0											
8				"	0		30.62	66	42	40		B.C	Cir Strat	9		
9				"	0											
10				"	0											
11				"	0											
12				"	0		30.62	64	39	37		8	—	10		

REMARKS:

Nov. 20th 1881

Weather Clear and cool with moderate breeze from N.W. & W.
Nineteen crew at quarters Officers being in full dress.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored W			S.E.	1											
2	Dock.			"	1											
3				"	1											
4				"	1		30.58	68	88	86		Bc.	Cir Cim	5-		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.54	69	89	87		Bc	Cir Cim	5-		
9				"	1											
10				"	1											
11				N.W.	1											
12				N.W.	1		30.43	73	80	46		Bc.	Cir Strat.	1		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				S.W.	2											
2				W.S.W.	1											
3				"	2											
4				"	2		30.36	72	52	50		Oc.	Cim Strat	0		
5				W	1											
6				"	1											
7				"	1											
8				"	1		30.30	73	43	41		Os.	Cim	0		
9				N.N.E.	1											
10				N.E.	1											
11				"	1											
12				"	1		30.26	68	48	46		Os.	Cim	0		

REMARKS:

Nov. 21st. 1881

Weather cool and cloudy light winds from N.a & E.a. Shipped forward torpedo spars and gaff on board a new set of sails, making preparations for bending them. Hauled ship 30 ft. astern in order to get her in a position for an engine trial. Sent fore & main top-sails. Then men receiving from "St Louis".

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored	25		Calm	0											
2	Portsmouth.			N.N.W.	2											
3				N.W.	2											
4				"	2		30.74	60	05	43		O.C.	Nim	0		
5				"	2											
6				"	1											
7				"	1											
8				"	1		30.40	70	05	44		O.C.	Nim	0		
9				W.N.W.	2											
10				N.W.	2											
11				N × W.	2											
12				N × E	2		30.46	73	46	46		B.C.	Cu Nim	1		

Lat. by D. R.

Long. by D. R.

Lat, by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.E.	2											
2				"	2											
3				"	2									1		
4				"	2		30.49	70	42	00		B.C.	Cu	6		
5				"	2											
6				"	1											
7				"	1											
8				"	1		30.53	70	36	33		B.C.	Cu	8		
9				N	2											
10				N.N.E.	2											
11				"	3											
12				2	3		30.58	73	84	31		B.C.	Ci Cu	4.		

REMARKS:

Nov. 22nd 1881

Damp and overcast- light- wind from N.W. during the first- part of the day + from N.E. during the latter half. Shipped + landed after torpedo booms. Bent main topsail + Spanker St. Rohrer reported for duty. Bent light- sails in the afternoon.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to			N.E.	3											
2	Dock.			"	3											
3				"	3											
4				"	3		30.40	56	34	31		O.C.	Nim	0		
5				"	3											
6				"	3											
7				"	3											
8				"	2		30.47	66	36	34		O.C.S	Nim	0		
9				"	2											
10				"	1											
11				"	1											
12				"	1		30.25	72	39	37		G.C.R.	Nim	0		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.E	2											
2				"	2											
3				"	2											
4				N.N.E.	2		30.10	70	41	40		O.C.R.f.	Nim	0		
5				"	2											
6				"	2											
7				"	2											
8				"	2		29.96	75	41	40		O.C.f.	Nim	0		
9				"	2											
10				"	1											
11				"	1											
12				"	1		29.82	71	40	39		O.C.f.	Nim	0		

REMARKS:

Nov. 23rd. 1881

In the morning it was cloudy and calm; light breeze from N. & E. 100 lbs of beef and 400 lbs of vegetables were received on board and issued out. Paul F. Vaughn was found absent without leave at muster, and a reward of $10 was offered for him. The foreyard topmast staysail yard boat and four boats crew of Marines clothing were received. The latter part of the day was rainy.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to			N.N.E.	1											
2	Dock			"	1											
3				"	1											
4				"	1		29.78	59	40	39		Oct.	Nim	0		
5				"	1											
6				N.W.	1											
7				"	1											
8				N.N.W.	1		29.79	65	46	39		O.C.	Nim	0		
9				"	1											
10				N.W.	3											
11				"	4											
12				"	4		29.85	68	48	35		b.c.	Cu Nim	2		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.W.	4											
2				"	5											
3				"	6											
4				"	5		29.95	78	32	30		b.c.q.	Cu Nim	7		
5				"	5											
6				"	5											
7				"	5											
8				"	7		30.07	76	31	28		b.q.	—	10		
9				"	7											
10				"	7											
11				"	6											
12				"	6		30.19	71	30	27		b.q.	—	10		

REMARKS:

Nov. 24 th 1871

The weather was cloudy with rain and some snow and wind from N.a + E.a. Sent a small liberty party ashore. Loosed sail. By order of the commanding Officer Joined Squadron from convenient. Work was continued on the Ship.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to			N.W.	6											
2	Dock.			"	6											
3				"	6											
4				"	5		30.28	68	29	27			b	-	10	
5				"	5											
6				W.N.W.	4											
7				"	4											
8				"	4		30.43	68	29	27			b	-	10	
9				W.x N.	4											
10				"	4											
11				W.N.W	3											
12				"	3		30.51	78	34	33			b	-	10	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to Dock.			W.N.W.	3											
2				W	3											
3				W x S	3											
4				W.S.W.	5		30.47	74	86	35			b	0	10	
5				"	2											
6				"	2											
7				"	1											
8	Ebb.		Ex S	S.W.	1		30.51	76	33	32			b	0	10	
9			"	S.	1											
10			"	"	2											
11			"	"	2											
12			"	"	2		30.46	80	32	32			b	0	10	

REMARKS:

Nov. 25th. 1891

The day was clear and cool with N + W.

At 8 AM started fires in all boilers. Secured the ship and at 10.10 started engines for steam trial after which at 3 P.M. two fires were hauled and the lines singled preparatory to hauling out into the stream 1200 gallons of fresh water were taken aboard.

At 5:45 P.M. cast off from wharf and hauled out and dropped anchor (port) in 8 fathoms of water with 60 fathoms of chain.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			E × S	S	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.44	76	38	30		b	–	10		
5	Flood		W × S	"	3											
6			S W × S	"	2											
7			"	"	2											
8			"	"	2		30.40	76	35	34		b	–	10		
9			E × S	S.S.W.	3											
10			"	"	3											
11			S.S.E.	S.W.	3											
12	Ebb.		E × S	"	3		30.32	72	46	44		b.c.	Cir Strat	8		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " - "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			W.S.W.	S.W.	3											
2			W × S	"	3											
3	Flood		"	"	3											
4		5	W	"	3		30.27	73	46	46		b.c.	Cir Strat	8		
5			S.W.	"	3											
6			S × W	"	2											
7			"	S.S.W.	2											
8			E × S	"	2		30.30	78	46	40		b.c.	Cir Strat	5		
9			E ½ S	"	2											
10			"	"	2											"
11	Ebb		"	"	2											
12			"	S.W.	1		30.29	71	41	40		b.c.	Cir Strat	8		

REMARKS:

Nov. 26 1881

Clear and cool light breze from S.a. Called all divisions to quarters and worked the battery. Sent party to Magazine for powder & shell. John Bradly reporter on board being transferred from the St Louis At 1.30. the Ty "Pilgrim" brought the lighter alongside with Powder & Shell which were taken aboard during the afternoon. J. P. Nilson and John Murphey were sent to Naval Hospital. Steam cutter was brought off and hoisted.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			E × N	S × W	1											
2			W × S	"	1											
3			"	"	1											
4	2		W.	"	1		30.40	68	39	38		b	-	10		
5			W × N	"	1											
6			W.	"	1											
7	Ebb.		W.S.W.	W.S.W.	1											
8			"	E × S	1		30.31	67	39	41		b	-	10		
9			"	S	1											
10			E × S	S.W.	1											
11			S.E.	"	1											
12			S E × E	"	1		30.22	73	51	49		b.c	Cir	9		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Flood		S.E × S.	S.W.	5											
2			W × S	"	5											
3		6	"	"	5											
4			"	"	5		30.14	68	62	58		b.c.q.	ot.	9		
5			"	"	4											
6			"	"	2											
7			"	"	3											
8	Ebb.		"	"	3		30.19	65	46	44		b	-	10		
9			E × S	"	3											
10			"	"	3											
11			"	"	2											
12			"	"	2		30.29	76	46	44		b.c.	Cir	7		

REMARKS:

Nov. 27 to 1891.

The weather was clear and pleasant with occasional squalls. The ship was inspected by the Commanding Officer. A party were sent to Magazine to restow shell. The fore royal and flying jib stays were set up.

LOG OF U. S. S. "Essex" Commanded by Comndr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb.		E × S	W	1											
2			..	"	1											
3	Flood		N	N	3											
4		2	N.N.W.	"	3		30.38	70	42	41		Beg.	Strat-	6		
5			N.N.W	"	2											
6			W.N.W.	"	2											
7			"	"	2											
8			N.N.E.	N.N.E.	3		30.56	68	36	36		B	-	10		
9			"	"	3											
10	Ebb		"	"	3											
11			N.E × N.	N.E × N.	2											
12			N.E × E.	N E × E	2		30.63	76	38	36		B	-	10		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			E × N	N E × E	2											
2			"	N E × E	2											
3	Flood		"	E × N	3											
4			W × N	"	3		30.61	72	44	43		B	-	10		
5			W.S.W.	N	2											
6			W × N	S.E.	2											
7			S W × W	"	2											
8	Ebb.		S.S.W.	E.S.E.	1		30.68	68	38	34		B	-	10		
9			E.N.E.	E × N	2											
10			"	"	2											
11		1.3	"	"	2											
12			"	"	2		30.62	80	35	32		B	-	10		

REMARKS:

Nov. 28th 1891

Preparations made for sea. Shell room broken out and restowed.

The anchor was hove up at 3 P.M. and the ship steamed down the river in charge of a pilot the wind came from the N.E.

Came to anchor at 7.25 -, Newcastle Range light N.E. distant 8 miles. The fires were banked

LOG OF U. S. S. "Essex" Commanded by Commdr. A. St. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N.E.×E.	N.×E.	2											Moon Set at 12.35-
2	Ebb.		N.×E.	"	2											
3	1-2		W.S.W.	"	2											
4			"	"	2		30.5-9	83	57	55-		Fr	—	10		
5			"	"	2											
6			"	"	2											
7			S.W.×S.	"	2											
8			"	S.E.	2		30.57-	75-	58	56		F.C.m.	Strat-	9		
9			S.E.×S.	"	2											
10			S.S.E.	S.S.E.	2											
11			S×E.	"	2											
12			"	"	2		30.49	74	42	41		C.F.	Cir.	0		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	3.	E.S.E.	S.E.×E.	1											
2	7	6	S.E.×S.	S.E.	1											
3	7	6	"	"	1											
4	7	2	"	"	1		30.46	70	56	55-	55-	Fc	Cir.-Cum.			
5	8	5-	"	"	1											
6	8	5-	S.S.W.-W.	"	2											
7	7	5-	"	S.	2											
8	6	0	"	"	2		30.36	70	57	56	55-	F.C.m.	"			
9	6	0	"	"	2											
10	8	0	S.W.×S.	"	2											
11	7	0	"	"	2											
12	7	2	"	"	2		30.33	68	58	57	56	Fc	"			

REMARKS:

Nov. 29th 1882

The day opened foggy but fog soon lifted and the fires were spread and at 6.30 got under way and in charge of the pilot went down the river when everything was secured for sea.

At 12.18- Cape May light-house bore abeam distant six miles The pilot was discharged at 1 o'clock took departure at 1.20 P.M. At five o'clock the dep. sun had was hove and showed 20 fathoms and at 12 o'clock a cast gave 16 fathoms.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	2	S.W.	S E	2											
2	2	8	"	"	2											
3	5-	8	"	"	2											
4	4	4	"	"	2		30.31	72	57	54	58	Cr.	Cir	3	S	
5	3	6	"	"	2											
6	3	5-	"	"	2											
7	2	0	S W x W	N. E.	2											
8	6	6	W.S.W.	"	2		30.31	72	59	58	59	r	Nim	0	S	
9	3	6	E.N.E.	"	2											
10	3	4	"	"	2											
11	1	0	"	"	2											
12	1	0	"	"	1		30.28	70	60	59	55-	Ocm	"	0	S	

Lat. by D. R. 37° 04' N

Long. by D. R. 76° 50' W

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1		5-	E x E	N.W.	2											
2		5-	"	"	2											
3		5-	"	"	2											
4		5-	"	"	"		30.24	72	54	57	57	Ocm	Nim	0	S	
5		4	"	"	1											
6	1		"	"	1											
7			"	"	1											
8			W x N	"	1		30.21	70	58	57	57	Oc.f.	"	0	S	
9			W x S	"	1											
10			S W	S.S.W.	1											
11			S.S.W.	"	1											
12			S E x E	"	1		30.14	65	58	57	57	Of.	"	9	S	

REMARKS:

Nov 15th 1892

At 335 P.M. Cape Charles was sighted bearing W ½ S distant 15 miles the weather was cloudy and damp. The Engines were stopped and a cast of the lead showed 15 fathoms of water. The Engines were run slow during the morning for the weather was thick and raining.

Two 12 inch guns were fired as signals for a pilot. Came to anchor at 1140 in 10 fathoms of water with 30 fathoms of chain. The fires were banked.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	in Chg.		SE×S	S.S.W.	-											
2	"		SE	"	"											
3	Pilot		SE×S	"	"											
4			S×E	"	"		3.10	65	64	58		Def	Nim	2	Smoth	
5			S	"	"											
6			S S W	"	2											
7			S×W	"	3											
8	1	2	N.W.	"	3		30.04	57	57	57		Dcm	Cu nim	0	"	S' of 8 changed to W.S.W.
9	5		W.S.W.	"	3											
10			"	"	4											8.20 ahead full speed
11				"	5											
12				"	7		30.05	62	68	54		Dc.	Cu	9	"	

Lat. by D. R.
Long. by D. R.
Lat. by Obs.
Long by Obs. } Hamptom Roads & Elz River

Dist. per Log,
Rate of Current,
Set " "
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	in Chg.				7											
2	"		W.N.W.	W S W.	7											
3	Pilot		N W	W N W	4											
4			N.N.W.	"	1		30.12	67	66	65		Dc.	Cist.	7	S	
5			"	"	1											
6			"	N.W.	1											
7			E×S	"	1											
8			S E×E	"	1		30.26	66	60	55		D	Cu	10	S	
9			"	"	7											
10			E S E.	"	3											
11			N E×E	"	2											
12			"	"	1		30.35	69	54	50		D	Cu	10	S	

REMARKS:

Dec 1st 1871

Brage from S.S.W. Jog. lifted at 6.40 and Cape Charles could be seen bearing N.W. about 11 miles distant. Got up anchor and took a pilot at 10 a.m. At 1.45 called all hands bring ship to anchor and made signal for permission to anchor 1211 and were answered 904 "yes" came to anchor at 200 in 3 fathoms of water Lambert light bearing N.W. $\frac{3}{4}$ W. and Fort Norfolk N.E. An officer came from U.S. Kearsarge with usual compliments. Later in the evening received lighter from Fort Norfolk and secured it alongside. The Evening was clear and pleasant Light Brage N.W.

Approved
A. H. McCormick
Commodore

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			—	NW	1											
2	Log		NxW	N.	4											
3			NWxN	"	6											
4			"	"	1		30.42	69	50	47		B	—	10	5	
5			WxN	"	1											
6			NWxN	NNE.	1											
7			"	"	1											
8			"	"	1		30.47	68	50	48		B.C.	Cir	8	3	
9			"	"	4											
10			ESE	"	3											
11			ExS	"	3											
12			"	"	3		30.51	65	50	46		B.C.	Cir Strat	5	3	

Lat. by D. R. } Navy Yard, Norfolk Va.
Long. by D. R.
Lat. by Obs.
Long by Obs.

Dist. per Log,
Rate of Current,
Set " "
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			ESE.	NNE.	5											
2			NNW.	"	3											
3				"	3											
4				"	3		30.50	79	52	48		B.C.	Cir	7		
5				NxE	2											In dock at 5 o'clock
6				NW.	1											
7				"	1											
8				"	1		30.47	70	57	47		B.C.	Cir Cir	6		
9				"	1											
10				"	1											
11				"	1											
12				"	1		30.43	78	57	48		B.C.	Cir	6		

REMARKS:

Dec 2nd 1871

Weather clear and pleasant Brigs N.W. At 7.45 - Towed sail to a bowline by permission. Commenced getting out shell at 9.15. In the afternoon got out remainder of powder and shell and received a pilot from the Navy Yard to take the ship up. Got up anchor at 2.30 and stood up the river to the Navy Yard and hauled the ship into the dry dock with the assistance of the yard workmen. All fires except those for heating ship were put out. All the boats were secured outside the mouth of the dock.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	dry	dock	N.W.	2											
2				"	1											
3				"	1											
4				"	1		30.41	73	48	48		b.c.	Cir cum	3		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.40	68	54	47		b.c.	Cir cum	8		
9				"	1											
10				"	1											
11				"	1											
12				"	1		30.36	66	52	48		b.c.	Cir cum	9		

Lat. by D. R. } Navy Yard Norfolk Va
Long. by D. R. }
Lat. by Obs.
Long by Obs.

Dist. per Log,
Rate of Current,
Set " "
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				NNW.	2											
2				"	2											
3				"	1											
4				"	1		30.31	70	55	50		b.c.	cir	9		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.32	68	60	48		b.c.	cir	9		
9				"	1											
10				"	1											
11				Calm	0											
12				SW	1		30.30	68	48	46		b.c.	cir	1		

REMARKS:

Dec 3rd 1881

During the day the ship was centered in the dock and the water was pumped out of the dock. A liberty party was sent ashore and three thousand gallons of water was taken aboard. The weather was clear and pleasant with light airs from the N.W., though towards night it clouded over.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				S.W.	1											
2				"	1											
3				"	1											
4				"	1		30,30	64	51	48		B.Cr.	Nim	0		
5				N.E.	1											
6				"	1											
7				"	1											
8				"	1		30,32	68	50	48		V	Nim	0		
9				"	1											
10				"	1											
11				"	1											
12				"	1		30,32	64	52	48		Oct.	Nim	0		

Lat. by D. R.
Long. by D. R.
Lat. by Obs.
Long by Obs.

Navy Yard
Norfolk
Va.

Dist. per Log,
Rate of Current,
Set " "
Variation of Compass,

1				N.W.	1											
2				N	2											
3				N x E	2											
4				"	2		30,31	70	50	47		O.C.	Nim	0		
5				"	2											
6				"	2											
7				"	2											
8				"	2		30,34	72	50	47		O.C.	Ci Nim	0		
9				"	2											
10				"	2											
11				"	3											
12				"	4		30,32	64	47	44		B.C.	Cum	8		

REMARKS:

Dec 4th 1861

Then was a light breeze from the So & We the atmosphere being damp. Later the wind changed to the N^a & E^a steady The crew were called to muster at 9 30 A.M. and the Articles of War and a general order with regard to the employment of pilots were read. The ship's writer was found to be absent without leave and a reward of twenty dollars was offered for his arrest.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S E x S	S.S.W.	1											
2			S E	"	1											
3			S E x S	"	1											
4			S x E	"	1		30.10	65-	54	58		o.c.f.	Nim	2	S	
5			S	"	2											
6			S.S.W.	"	3											
7			S x W	"	3											
8	1	2	N.W.	"	4		30.04	65-	59	59	17	o.c.m.	Cir Nim	0	S	Lie Nim Fast S. Channel Course to W.S.W. at 8.20 ahead full speed
9	5-	0	W.S.W.	"	4											
10	7	"	"	"	5-											
11	In Chg. of Pilot		"	"	7											
12	"	"	"	"	7		30.05-	72	62	58	64	b.c.	Cir	9	S	

Lat. by D. R.

Long. by D. R. Hampton Roads and Elz. River

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In Chg. of Pilot		W.S.W.	W.S.W.	7											
2			W.N.W.	W.N.W	6											
3			N.W.	"	5-											
4			N.W.W.	"	4		30.12	67	66	65-		b.c.	Cir.strat.	7	S	
5			"	N.W	1											
6			N.N.W.	"	1											
7			E x S	"	1											
8			S.E x E.	"	1		30.26	66	60	55-		b.	-	10	S	
9			"	"	1											
10			S.S.E.	"	3											
11			N E ÷ E	"	2											
12			N E x E	"	1		30.35-	67	54	50		b.	-	10	S	

REMARKS:

Dec. 4th 1871

The weather was cold and disagreable during the day with a light breeze from the north and west. Men from the yard were at work on the outside of the ship. Water was pumping into the boilers used for heating the ship.

All hands called to muster at 1 P.M. and the ratings of the crew published.

LOG OF U. S. S. "Essex" Commanded by Commdr A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				N.W.	3											
2	Floor		N ½ W	N	3											
3			N W × N	"	3											
4			"	"	3		30.50	79	52	48		Bc.	Cir	7		
5			W × N ½ N	"	2											
6			N W × N	N N E	1											
7			"	"	1											
8			"	"	1		30.47	70	51	47		Bc.	Cir Cum	6		
9			"	"	1											
10			E.S.E.	"	1											
11			E × S	"	1											
12			"	"	1		30.43	73	51	48		Bc.	Cir	6		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk, Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			E.S.E.	N N.E.	3											
2			N.N.W.	"	3											
3			"	"	3											
4			"	"	3		30.50	79	52	48		F.c.	Cir	7		
5			In Dock	N × E	2											
6			"	N.W.	1											
7			"	"	1											
8			"	"	1		30.47	70	51	47		Bc.	Cir. Cum	6		
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.43	73	51	48		F.c.	Cir	6		

REMARKS:

Dec 5th 1871.

The night and early morning were clear and pleasant, but during the day it clouded over the barometer falling slowly Wind N. W. The crew were called to quarters at 9.30 A.M. when they were inspected and drilled at the guns.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	Dry	Dock	N.W.	2											
2				"	1											
3				"	1											
4				"	1		30.01	73	48	46		b.c.	Nim	8		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.40	68	48	47		b.c.	ci cim	8		
9				"	1											
10				"	1											
11				"	1											
12				"	1		30.36	64	52	48		b.c.	ci cim	9		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk, Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	Dry	Dock	N.N.W.	2											
2		"		"	2											
3		"		"	1											
4		"		"	1		30.31	70	55	50		b.c.	ci	9		
5		"		"	1											
6		"		"	1											
7		"		"	1											
8		"		"	1		30.32	68	50	48		b.c.	ci	9		
9		"		"	1											
10		"		"	1											
11		"		Calm	0											
12		"		S.W.	1		30.30	68	48	46		b.c.	ci	1		

REMARKS:

Dec. 6th 1881.

There was a light breeze from the N.E. & W. the weather was cloudy and threatening. The crew were called to quarters and mustered at 9.30 A.M. the first and second divisions were exercised at great guns. the third division at Sutyle sticks the powder division at their quarters. Sail was loosed at seven bells in the forenoon watch.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In Dock		N.N.E.		2											
2			N.N.W.		2											
3			"		3											
4			N.W.		4		30.25	60	46	41		b	-	10	10	
5			.		3											
6			"		4											
7			"		3											
8			"		3		30.33	62	45	40		b.c.	cir	5	5	
9			N.W.		3											
10			N		5											
11			"		5											
12			"		5		30.44	47	44	39		b.c.	strat-	2		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1		"	N.W.													
2		"	N													
3		"														
4		"														
5		"														
6		"														
7		"														
8		"														
9		"														
10		"														
11		"														
12		"														

REMARKS:

December 7th 187

The wind was light from N.a & W weather fine & clear and pleasant
At quarters the first division was exercised at rifle sticks
the second and third at small arms. powder div. at their quarters.
At four oclock in the afternoon clean hammocks were turned out.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	Dry	Dock	N.W.	2											
2		"		"	1											
3		"		"	1											
4		"		"	1		30.41	73	48	46		b.c.	Nim	3		
5		"		"	1											
6		"		"	1											
7		"		"	1											
8		"		"	1		30.40	68	48	47		b.c.	cir cum	8		
9		"		"	1											
10		"		"	1											
11		"		"	1											
12		"		"	1		30.86	64	52	48		b.c.	cir cum	9		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	In	Dry	Dock	N.W.	2											
2		"		"	2											
3		"		"	1											
4		"		"	1		30.31					b.c.	cir	9		
5		"		"	1											
6		"		"	1											
7		"		"	1											
8		"		"	1		30.32					b.c.	cir	9		
9		"		"	1											
10		"		"	1											
11		"		Calm	0											
12		"		S.W.	1		30.30					b.cp.	ai cum	1		

REMARKS:

Dec 8th 187

The weather was cold and disagreeable during the day with light Breeze from the N.W. Men from Yard at work on Ships. Water was pumped into Boiler which was used for heating Ships.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. St. McCrackin

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	dry dock		N W	1											
2				"	1											
3				"	1											
4				"	1		30.14	55-	38	38		b		10		
5				"	1											
6				Calm	0											
7				W	1											
8				"	1		30.24	54	56	53		f		10		
9				"	1											
10				N.W.	1											
11				N.W.	1											
12				N.	1		30.29	65-	48	38		f		10		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N		2										
2				N.W.		1										
3				"		1										
4				"		1		30.26	70	47	40	f c	Cir	2		
5				"		1										
6				"		2										
7				"		1										
8				"		1		30.29	76-	45-	39	f. c	Cir	8		
9				"		1										
10				"		1										
11				"		1										
12				"		1		30.26	65-	40	36	f		10		

REMARKS:

Dec 9th 187

The night and early morning were clear and pleasant but during the day it clouded over with light breeze from N. W.

The crew was called to quarters at 9.30 A. M. inspection + drills at guns.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				N.W.	1											
2	Ln dry dock			N.W.	1											
3				"	1											
4				W	1		30.28	68	37	36		2		10	10	
5				S.W.	1											
6				"	1											
7				"	1											
8				"	1		30.29	65	37	36		8	ai	9		
9				"	1											
10				"	1											
11				S	1											
12				"	2		30.28	70	52	45		2		10		

Lat. by D. R. Navy Yard

Long. by D. R. Norfolk Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S		1											
2			"		1											
3			W.S.W.		1											
4			N.N.E.		1		30.24	72	54	45		2.c	cist	1		
5			"		1											
6			"		1											
7			"		1											
8			"		1		30.20	70	50	45		2.c	ci st	6		
9			"		1											
10			"		1											
11			"		1											
12			"		1		30.23	70	47	40		2.c	ci st	9		

REMARKS:

Dec. 10th 1881

Light breeze from S.a + W.a which hauled to N.a + W.a during the afternoon + evening the weather was cloudy + threatening. At quarters the 1st + 2nd divs. were drilled at great guns the 3rd at Singlesticks and the powder division at their stations. Sail loosed at seven bells in the forenoon watch

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Lie	Dry	Dock	NNE	2											
2				NNW	2											
3				"	3											
4				N.W.	4		30.25	60	46	41		b		10		
5				"	3											
6				"	3											
7				"	3											
8				"	3		30.33	62	45	40		bc	ci	5		
9				N.W.	3											
10				N	5											
11				"	5											
12				"	5		30.44	57	44	39		b.c.	cistrat	2		

Lat. by D. R. Newy Yard Norfolk Va

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.W.	4											
2				N	3											
3				N.N.E.	2											
4				N	2		30.19	64	44	37		b.c.	cistr.	5		
5				"	3											
6				N.W.	3											
7				"	2											
8				"	1		30.54	59	39	34		b		10		
9				"	1											
10				"	3											
11				"	1											
12				"	2		30.60	53-40	35			8		10		

REMARKS:

Dec 10th 187

The day was clear and cool with light Breze from N^a + E^a

The topgallant + royal Braces were unrove for the purpose of exchanging them for manilla ones work continued on ship.

LOG OF U. S. S. "Essex" Commanded by A.H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	dry	dock	NW.	1											
2				"	1											
3				"	1											
4				"	1		30.63	50	35	33		F	Nim	0		
5				E.N.E.	1											
6				Calm	0											
7				N.N.E.	1											
8				"	1		30.63	55	35	32		F.C.	Cir	8		
9				"	2											
10				"	2											
11				"	2											
12				"	2		30.72	65	40	35		F.	Cir Cum	5		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				S.S.W.	4											
2				"	5											
3				"	5											
4				"	3		30.40	74	72	60		F.	Cir St	4		
5				"	3											
6				"	2											
7				"	2											
8				"	5		30.38	70	60	60	.	Cr.	Nim	0		
9				"	4											
10				"	5											
11				"	5											
12				"	5		30.33	67	64	60	..	Cr.	Cir St.	3		

REMARKS:

Dec 11th 1891

The day was clear and pleasant light breze from S.S.W
During the day the fore hold was broken out and bilges cleaned
At 8 P.M. Forecastle head sails & topgallant sails were bent
also royals Finished receiving remainder of manilla rigging
& restowed hold

LOG OF U. S. S. Essex 3rd Rate Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			In dry Dock	N.N.E.	1											
2				"	1											
3				"	1											
4				"	1		30.65	68	39	36		b.c.	Cir	4		
5				"	1											
6				"	1											
7				"	1											
8				"	1		30.66	67	37	35		b.c.	Cir St.	3		
9				"	1											
10				S.E.	1											
11				"	1											
12				"	1		30.60	69	54	49		b.c.	Cir	9		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				S.E.												
2				"												
3				"												
4				S			30.53	80	60	53		o.c.	Nim	0		
5				S.S.W.												
6				"												
7				"												
8				"			30.67	72	58	52		Cr.	Nim	0		
9				"												
10				"												
11				"												
12				"			30.47	64	57	53		B.c.	Nim	0		

REMARKS:

Dec. 12th. 1881

Drizzling rain this 4 P.M. remainder of day clear and pleasant. Crew inspected at quarters at 9.30 a.m. after which call to general quarters was sounded and the crew were exercised at the battery.

The starboard bower cable was unbent and taken to a crab on wharf. For the purpose of trying the capstan the crew were engaged in shifting heads & rigging for manilla

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In dry dock			N.W.	8											
2				"	7											
3				"	8											
4				"	8		30.19	61	44	42		bc	Strat-	9		
5				"	6											
6				"	6											
7				"	6											
8				W	5		30.80	66	54	53		bc	Cir	9		
9				"	5											
10				N N E	3											
11				"	4											
12				"	6		30.4	3	70	64	61	bc.	cir	9		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				S.S.W.	4											
2				"	5											
3				"	5											
4				"	3		30.40	74	72	60		bc.	Cirstra	4		
5				"	3											
6				"	2											
7				"	2											
8				"	5		30.38	70	65	60		bc.	Nim	0		
9				"	4											
10				"	5											
11				"	5											
12				"	5		30.33	67	64	60		bc.	cirstra	3		

REMARKS:

Dec. 13th 1881

The day was clear and pleasant- light breeze from S^a & W^a The hold was broken out and under fore passage for the purpose of cleaning Pipes

The topsels foresail jib & flying jib Gt- sails & royals were bent- Finishing rowing manilla rigging and restowed hold

LOG OF U. S. S "Essex" Commanded by Comdr. A H McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In dry	dock		S.S.W.	5											
2				"	5											
3				"	5											
4				"	5		30.26	67	62	60		Cc.	Cir	4		
5				"	5											
6				"	5											
7				"	4											
8				"	5		30.26	72	65	63		Cc.	Ci Cu	2		
9				"	5											
10				"	4											
11				"	4											
12				"	3		30.25	70	68	65		Cc.	Cum	1		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Navy Yard Norfolk Va

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			S.S.W.		5											
2			"		5											
3			"		4											
4			"		3		30.10	72	70	65		Cc.	Ci Cu	1		
5			"		3											
6			"		2											
7			"		2											
8			"		2		30.10	70	67	64		o.c.	Nim	0		
9			"		5											
10			"		4											
11			"		3											
12			"		3		30.08	71	67	66		Cc.	Ci Nim	3		

REMARKS:

Dec 14th 1871

The wind was fresh from the W.S.W. weather damp & raing

The foretopmast staysail was bent and lines made fast for the purpose of hauling the ship out of the dock

The hemp rigging was stowed by a working party from the ship. Preparations were made to get the ship out of the dock but this could not be done as there was not high enough tide to float the caisson out of the dock.

2339 Gals. of fresh water were received at 5.40 P.M. fires fires were started in boilers 5+7.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	In	dry	dock	N.W.	8											
2				"	7											
3				"	8											
4				"	8		30.19	50	38-	31		F.C.	Cirstrat	6		
5				"	6											
6				"	6											
7				"	6											
8			W	W	5-		30.30	57	38-	31		F.C.	Cirstrat	7		
9			"	"	5-											
10			N.N.E.	NNE	3											
11			"	"	4											
12			"	"	6		30.43	56	37	33		F.C.	Cirstrat	8-		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N	7											
2				"	6-											
3				"	5-											
4				"	5-		30.47	76	40	36-		F.C.	Cum	8-		
5				"	5-											
6				"	6											
7				"	7											
8				"	7		30.58-	69	39	34		O.C.g.	Cir num	0		
9				NW	5											
10				"	5-7											
11				"	4-6											
12				"	5-6		30.5-6-	60	39	34		O.C.g.	Cir num	0		

REMARKS:

Dec. 15-16 1871

The weather was disagreable and cold wind blowing from N^a + W^a

All hands were called to unmoor-ship at 1.30 P.M. + the ship was hauled out of the dock and moored to the coal dock at which her coal was already piled.

LOG OF U. S. S. "Essex" Commanded by Comdr. A H M Comick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to dock			N.W.	6											
2				"	7											
3				"	7											
4				"	6		30.6-6	50	35-	31		F.	Cir Strat	6		
5				N.N.E.	5-											
6				"	5-											
7				"	5											
8				"	4		30.64	57	36-	31		F.o.	Cir Strat	7		
9				"	4											
10				"	4											
11				"	4											
12				"	4		30.70	56	37	33		F.c.	Cu Str	5-		

Lat. by D. R.

Long. by D. R. Navy Yard Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				N.N.W.	3											
2				"	3											
3				"	4											
4				"	4		30.66	50	38	34		F.c.	Cir Strat	9		
5				"	4											
6				"	3											
7				"	3											
8				N.W.	2		30.76	72	37	35-		F	—	10		
9				"	3											
10				"	2											
11				"	2											
12				"	2		30.70	70	31	31		F	—	10		

REMARKS:

Dec. 16th 187

The day was clear and cold with moderate wind from N.W. & N.N.E.

At 6.30 A.M. began to coal ship and by noon one hundred and ten tons had been got into the bunkers which was all they could hold and the rest of the coal was left on the wharf for future use.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				S.S.W.												
2				"												
3				"												
4				"												
5				"			30.44	67	40	38		f		10		
6				"												
7				"												
8				S.W.			30.50	72	41	39		f		10		
9				"												
10				"												
11				"												
12				W			30.48	72	53	46		f.c.	ci str	8		

Lat. by D. R.

Long. by D. R.

Lat, by Obs.

Long by Obs.

Navy Yard Norfolk Va

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				W.N.W.												
2				"												
3				"								f.c.	ci	9		
4				N.N.E.			30.49	77	51	48						
5				"												
6				"												
7				S.S.W.												
8				"			30.53	67	47	52		f.c.	ci strat	9		
9				"												
10				"												
11				"												
12				"			30.53	67	42	40		f	—	10		

REMARKS:

Dec. 17th 1881

Light airs were blowing from S.a + E.a + S.a + W.a weather was clear and pleasant during the day.

Thirty three apprentice boys five seamen and one ordinary seaman were received on board, being transfered from the receiving ship Colorado per U.S. Steamer Lallapoosa.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to dock			S.S.W.												
2				"												
3				"												
4				"			30.49	67	40	38		8		10		
5				"												
6				"												
7				"												
8				S.W.			30.50	72	41	38		8		10		
9				"												
10				"												
11				"												
12				W			30.48	72	53	46		8.c.	Cirsts	8		

Lat. by D. R. Navy Yard

Long. by D. R. Norfolk Va

Lat. by Obs. "

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				W.N.W.												
2				"												
3				"												
4				N.N.E.			30.49	77	51	48		8.c.	Cir	9		
5				"												
6				"												
7				S.S.W.												
8				"			30.53	67	47	42		8.c.	Cirst.	9		
9				"												
10				"												
11				"												
12				"			30.53	67	42	40		8	—	10		

REMARKS:

Dec. 18th 1871

Weather clear and pleasant light airs from W.a & S.a At 9.30 A.M. the crew were called to quarters and inspected by Commanding Officer.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			Moored to Dock	SW	1											
2				"	1											
3				"	1											
4				"	1		30.53	59	38	36		f		10		
5				"	1											
6				NE	1											
7				"	1											
8				"	1		30.59	59	39	37		fc	Cumst.	9		
9				"	1											
10				"	1											
11				NNE.	1											
12				"	1		30.60	57	57	46		fc.	Cir St.	6		

Lat. by D. R. Navy Yard

Long. by D. R. Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1				N	1											
2				"	1											
3				NNE.	1											
4				"	2		30.58	65	54	47		fr.	Cir	9		
5				NE.	2											
6				"	3											
7				"	1											
8				"	1		30.58	75	48	46		fc.	Cir	9		
9				"	1											
10				Calm	0											
11				"	0											
12				"	0		30.63	66	48	42		fcm	Str	8		

REMARKS:

Dec. 19th 1871

The weather was clear and pleasant with variable airs from N^a & E^a

Made signal for permission to loose sail at 8 bells answer received "yes" and sail was loosed

The crew was called to quarters and all divisions exercised in their duties in action. The ship was painted by men from the navy yard and the rigging tarred down by the crew.

LOG OF U. S. S. "Essex" Commanded by Commander A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to dock			N.E.	1											
2				"	2											
3				"	2											
4				"	3		30.52	65	40	39						
5				Calm	0								0.cm.	0		
6				"	0											
7				N.W.	1											
8				Calm	0		30.49	62	41	38			0.cm.	0		
9				"	0											
10				"	0											
11				S.S.W.	1											
12				"	1		30.46	62	43	39			Bc	9		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				W.S.W.	2											
2				N.N.W.	3											
3				N	2											
4				N.N.E.	3		30.40	70	54	49			Bcm.	Ci nim	1	
5				"	3											
6				"	2											
7				"	2											
8				"	2		30.46	70	53	49			Bc.	Strat	9	
9				"	2											
10				"	2											
11				"	2											
12				"	1		30.47	72	50	47			Bc.	Strat	9	

REMARKS:

Dec. 20th 187

Light variable winds during the day early part of the day overcast and misty but clear towards evening.

Crew were exercised at general quarters and the battery secured at 11 A.M. Workmen from the yard at work during the day.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored to dock			NNE	1											
2				"	1											
3				"	1											
4				"	1		30.41	65	47	46		Cr.	Strat	9		
5				N.E.	1											
6				"	1											
7				E	1											
8				Calm	0		30.47	65	51	48		Cr.	Nim	0		
9				E	3											
10				"	3											
11				"	3											
12				"	2		30.47	70	55	52		Cr.	Strat	2		

Lat. by D. R. Navy Yard, Norfolk, Va.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				E	1											
2				"	1											
3				"	2											
4				"	2		30.44	70	53	50		Cr.	Nim	0		
5				"	3											
6				"	2											
7				"	1											
8				"	1		30.44	72	52	49		Cr		10		
9				"	1											
10				"	1											
11				"	1											
12				N.E.	1		30.48	67	57	53		ocd	Nim	0		

REMARKS:

Dec. 21 1871

Weather cloudy & misa with drizzling rain in the afternoon

At 7 00 A.M. Made signal for permission to crow royal and topsgallant yards. answered yes. And yards were crossed at 8 A.M. Crew exercised at general quarters for one hour. The fasts were singled and lines taken to the buoy preparitory to hauling out into the stream and the ship was hauled out about 4 to P.M. at slack water by her port bower cable she was secured to buoy.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S.W.	N.E.	1											
2	Off		"	E.N.E.	1											
3	Navy		"	"	1											
4	Yard		"	"	1		30.27	64	57	55		Cd.	Nim	0		
5			N.N.W.	"	2											
6			N.N.E.	"	3											
7			"	"	3											
8			"	"	3		30.20	68	60	56		Cd.	Cir Nim	0		
9			"	S x E	3											
10			Under Way	S.E.	3											
11			S.E.	S.S.E.	3											
12			"	"	3		30.10	73	63	60		Ov.	Cir Nim	0		

Lat. by D. R.

Long. by D. R. Off Navy Yard Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S.E.	S S E	3											
2			"	"	3											
3			"	"	3											
4			"	"	2		29.99	76	65	62		Ov.	Cir Nim	0		
5			S.S.E.	"	2											
6			"	"	2											
7			N.W.	"	2											
8			"	"	2		29.89	72	61	60		Ov.	Nim	0		
9			"	"	2											
10			"	"	2											
11			"	"	2											
12			S.S.E.	"	2		29.79	68	64	57		8	—	10		

REMARKS:

Dec. 22nd 1871

The weather was cloudy and misty with occasional passing showers Boats brought off and hoisted during the morning watch. Fires started preparitory to getting under way and got a pilot from the Navy Yard.

Got under way at 9 o'clock and stood down the river in Chg. of pilot Came to in 6 fathoms of water & veered to 30 fathoms Lumber Point light p.s. N.W. ½ W Hospital light S x W Ships head S E x S Preparations were made for taking in powder & shell.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb.		SE×S	SSE	1											
2			"	"	1											
3			"	"	1											
4			"	S.S.W.	1		29.76	65-	57	56-		V.r.	Cum	9		
5			"	"	2											
6			N.W.	"	2											
7			"	S.W.	3											
8			"	"	3		29.67	69	50	51		V.o.	Ci Strat	7		
9			"	"	3											
10			W.N.W.	SW×S	4											
11			W×S	"	3											
12			S.S.W.	"	4		29.68	74	48	46		O.C.	Nim	0		

Lat. by D. R. Off Navy Yard

Long. by D. R. Norfolk

Lat. by Obs. Va

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S×E	W×S	4											
2			SS.E.	"	7											
3			"	W	7											
4			"	"	6		29.78	72	50	46-		V.r.	Ci Nim	4		
5			"	S.W.	5											
6			W×N	"	4											
7			"	W.N.W.	3-4											
8			N.W.	.	3-4		29.82	68	48	44		V.g.	Ci	9		
9			"	"	7-8											
10			"	N.W.	8											
11			"	.	8											
12			"	.	8		30.08	66-	45	39		V.g.	Ci	2		

REMARKS:

Dec 23rd 1881

The weather in the first part of the day was clear and pleasant clouded up in the afternoon with passing squalls. All hands at work cleaning ship. Sent down royal & topgallant yards at sunset.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			E.S.E.	N × E	5-8											
2			"	N.N.E.	7											
3			"	"	6-8											
4			"	N.E.	4-7		30.18	68	45	39		Fog.			10	
5			S.E.	N × E	3											
6			N.N.E.	"	3											
7			"	N	3											
8			NW × N	N × W	4		30.39	68	43	40		F			10	
9			"	"	4											
10			"	"	5-											
11			"	"	5-											
12			"	N	5-		30.46	72	40	35		F			10	

Lat. by D. R. Elizabeth River

Long. by D. R. Norfolk. Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			C	N	5-											
2			E × S	"	4											
3			S.E.	E	4											
4			"	"	4		30.58	68	45	39		Fog		10		
5			"	"	4											
6			SE × S	"	3											
7			"	"	3											
8			"	"	3		30.50	68	45	40		F		10		
9			N.W.	"	3											
10			"	"	3											
11			"	"	3											
12			"	"	3		30.56	72	40	38		F		10		

REMARKS:

Dec. 24th 1891

Lowed off ammunition lighter from Fort Norfolk and secured her alongside and took in shell. All the shell except 20- were stowed and these were left ashore to be fitted with new fuzes. The weather was for the most part Clear and pleasant with moderate winds and squalls at intervals.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb		S.E.	S.W.	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		30.60	70	39	36		b		10		
5			"	Calm	0											
6			"	"	0											
7	Flood		N.N.W.	"	0											
8			"	"	0		30.60	74	42	38		b		10		
9			"	"	0											
10			"	S.E.	1											
11			"	"	3											
12			"	"	3		30.57	70	50	43		b		10		

Lat. by D. R.

Long. by D. R. Naval Anchorage Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb.		S.S.W.	S	3											
2			S.E.	"	3											
3			"	"	3											
4			"	"	1 ?		30.50	70	56	49		b.c.	ci	9		
5			"	"	1											
6			"	"	1											
7	Flood		S.S.E.	S.E.	2											
8			"	"	2		30.50	65	46	46		bc.	ci	9		
9			N.W.	Calm	0											
10			"	S	1											
11			"	"	1											
12			"	"	1		30.50	60	48	46		b		10		

REMARKS:

Dec 25th 1881

The weather was very pleasant with light airs from the S^a + E^a + S^a + W^a The crew were inspected at quarters at 9.30 A.M.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N.W.	Calm	0											
2	Ebb.		S E x S	"	0											
3			S E	S.E	1											
4			"	"	1		30.42	63	50	48		b		10		
5			"	"	2											
6			"	"	2											
7			"	"	3											
8			N.W.	S	3		30.40	65	56	51		b.c.	Ci Cum	2		
9			"	"	2											
10			"	"	2											
11			"	"	2											
12			"	"	2		30.35	70	61	56		o.c.	Nim	0		

Lat. by D. R. Naval Anchorage Norfolk Va

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb.		S S E	S	3											
2			"	"	4											
3			S E x S	S x E	5											
4			S.S.E.	"	4		30.25	65	62	58		o.c.	Nim	0		
5			S.E.	S.E	3											
6			"	"	2											
7			"	"	2											
8			"	"	2		30.17	65	61	58		o.c.	Cirri	0		
9	Flood		S x E	"	4											
10			N W x W	"	4											
11			"	"	3											
12			"	"	3		30.08	63	61	58		o.c.	Nim	0		

REMARKS:

December 26th 1881

Received the twenty-five 8" shell that were left at Fort Norfolk and stowed them in the shell-room. Instructed crew in their duties at the different exercises.

The weather in the morning was clear and pleasant but overcast and threatening in the afternoon. Moderate breezes from the S^a. & E^a. prevailed during the day.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb		S.E.	S	2											
2			"	"	3											
3			"	"	2											
4			"	"	2		30.30	60	53	50		o.c.m.	min	0		
5			"	"	2											
6			"	"	2											
7	Flood		N.N.W.	S x E	2											
8			"	"	2		29.95	60	55	53		o.c.	min	0		
9			S E	"	3											
10			S.S.E.	"	5											
11			"	S	6											
12			S	"	6		29.73	60	58	58		o.c.	min	0		

Lat. by D. R.

Long. by D. R. Naval Anchorage

Lat. by Obs.

Long by Obs. Norfolk Va

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			W x N	W S W	5											
2			N W	"	4											
3			W	W x N	4											
4			S W	S.W.	3		29.63	65	65	59		b.c.	Cum	2		
5			S S W	S.S.W.	5											
6			"	S.S.E.	2											
7			S S E	W x S	2											
8			S	W x N	3		29.61	62	59	53		b.c.	Ci Cum	4		
9			"	N W x W	3											
10			"	N.W.	4											
11	Flood		N	N.N.W.	4											
12			"	"	4		29.69	65	61	49		b.c.g.	Ci Cum	6		

REMARKS:

December 27th 1881

Weather overcast and disagreeable with fresh breeze and squalls in the afternoon. The crew were exercised and instructed in their duties in action and in making and furling sail. Rove off studdingsail gear and rigged forward torpedo booms

LOG OF U. S. S. "Essex" Commanded by Commdr A.H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			NW	SW.	3											
2			WNW	"	3											
3			WSW.	"	3											
4	Ebb.		S	"	4		30.06	60	55	53		b		10		
5			S E x S	"	2											
6			"	"	3											
7			"	"	2											
8			"	"	2		30.09	62	55	53		Vc.	cir	8		
9			"	"												
10			"	"												
11			"	"												
12			NW	W	5		30.10	65	60	56		Vc.	cir	8		

Lat. by D. R. Naval Anchorage Norfolk Va

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			NW.	SW.	3											
2			"	"	4											
3			WNW.	"	4											
4	Ebb.		SSW.	"	4		30.10	60	55	50		Vc.	cir	2	0	
5			SSE.	"	3											
6			S x E	"	2											
7			"	"	2											
8			"	"	1		30.16	66	56	53		Vc.	cir	4		
9			SSE.	S	2											
10			S	"	4											
11	Flood		WNW.	"	4											
12			NW.	"	4		31.14	60	58	50		Vc.	cir	6		

REMARKS:

Dec. 28th 1871

Light airs from W.a weather pleasant. Crossed topsail lower yards, got out sailing launch and made general preparations for inspection at 9.25 – Ltn Powers d. inspection commission of Comr. A.F. Rhind. Capt. J.L. Davis. Capt. J.A. Gray, Inspector H.M. Drummond Med. Dir. A.L. Gihon Chief Engr. J.L. Moon + Capt. P.C. Pope U.S.M.C. came on board to inspect the ship.

Went to quarters for inspection and then to general quarters and after exercising the crew secured at 11 A.M. made and took in sail and rigged forward torpedo boom on starboard side for use and exploded a torpedo primer. Made sail to royals and shortened sail called away and equipped all boats for instant service.

At 3 P.M. furled sail and exercised at fire quarters inspecting board left ship at 4 P.M.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N.W.	S												
2			"	"												
3			"	"												
4	Ebb		S.W.	"			30.03	60	58	57		Ocm	Nim	0		
5			"	"												
6			"	"												
7			"	S × E												
8			S.E.	"	2		29.94	60	55	53		Ocn.	Nim	0		
9			S.S.E.	"	3											
10			"	"	5											
11			S.	S	6											
12	Flood		"	"	6		29.73	60	60	58		Ocn.	Nim	0		

Lat. by D. R.

Long. by D. R. Steam trial in Ches. Bay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			W × N	W.S.W.	5											
2			N.W.	"	4											
3			W	W × N	4											
4			S.W.	S.W.	3		29.63	65	65	64		Ocn.	Cum	2		
5			"	S.S.E.	2											
6			S.S.W.	W × S	2											
7			S.S.E.	W.N.W.	3											
8			S	"	4		29.61	72	57	53		Ocn.	Cir Cum	4		
9			"	N.W. × W	4											
10			"	N.W.	4											
11	Flood		N	N.N.W.	4											
12			"	"	4		29.69	78	57	47		Ocn.	Cir Cum	5		

REMARKS:

Dec. 29th 1891

Weather overcast moderate winds. squalls in evening. the crew was mustered and inspected at quarters the Steam Cutter was hoisted in and preparations made for sea.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			NW×N.	N.N.W.	6											
2			N.W.	S.W.	7											
3			"	N.W.	6											
4	Ebb.		NW×N	"	6		29.76	69	48	40		cloudy	nimb	0		
5			W.S.W.	"	4											
6			S	S.S.W.	4											
7			S E	S	4											
8			"	W.S.W.	4		29.79	72	46-42			f.c.	cir cu.	7		
9				W	4											
10	7	3		W.N.W.	3											
11	9	6	E S E	W×N	3											
12	8	3	"	"	3		29.79	70	36	47	47	f.c	cir cu ni	3		

Lat. by D. R.

Long. by D. R. Steam trial in Chesapeake Bay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	8	0	W.N.W.	W	3											
2	6	0	NW×N	"	5-7											
3	9	2	W.N.W.	"	5-6											
4	Swiftsure		"	"	3-5		29.95	69	42	38	47	f.c.q.	nimb	3		
5			"	S. W	4-5											
6			S.S.W.	W	4-5											
7			S.W.	"	4-5											
8			SW×W	W S W	4-5		29.82	70	41	36		f.c.	cir. cum	7		
9			S.S.W.	"	4-5											
10			W.S.W.	W×S	4-7											
11			SW×W	"	4-5											
12			S.W.	"	4-6		29.85	60	38	36		f.c.q.	cirrum.	6.		

REMARKS:

Dec. 30th 1871

Weather overcast and raining. at 8 a.m. the pilot came on board and at 8.20 Capt J. L Davis & Chief Engr J. W. Moore came on board to witness the Steam trial Got under way at 8.30 and stood out of the harbor in charge of Pilot found that 9.6 revs could be made under all her boiler power and could make a complete turn in 9m 32sec under starboard helm and 8 1/2m under port. Shut off steam once made sail on ship to top gallant sls with main topsail and flying jib. Tried her successfully in tacking and wearing when trial was over steamed in and sent members of Board at Fortress Monroe. Anchored in 7 fathoms of water Thimble light N E x E ½ E Canny Light S

LOG OF U. S. S. Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S W x W	W x S	4-6											
2			W	W. N. W.	4-6											
3			W. N. W.	"	5-7											
4			"	"	5-9		29.85	46	35	30		f. c. q.	cir. cum	1		
5			"	W. W.	5-8											
6			"	"	5-8											
7			W x S.	"	5-8											
8			W. S. W.	W x N	5-7		29.98	55	27	24		f. c. q.	cir.	9		
9	Discharge		S.	W	5-6											
10	of Pilot.		"	S W	4											
11	At anchor		"	"	4											
12			S W x W.	"	4		29.99	69	36	31		f. c.	cir.	9		

Lat. by D. R.

Long. by D. R. Naval Anchorage Norfolk. Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			W.	W x S.	4											
2			W x N.	"	3											
3			W. N. W.	W x N.	3											
4			"	"	3		29.93	65	39	31		f	—	10		
5			"	W. S. W.	2											
6			W x N.	S. W.	2											
7			S x E.	"	1											
8			SE x S.	"	1		30.12	77	39	34		f	—	10		
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.00	67	35	31		f	—	10		

REMARKS:

Dec. 31st. 1881

Saturday Weather cold and clear Fingers from N. a x W.a Got under way at 9.30 and stood in to anchorage under directions of Pilot brought ship to anchor at 10.50 with port bower in five fathoms of water and veered to 30 fathoms Flagstaff at Hospital S.W. and Flagstaff at Powder Magazine N.W. x N. The bilges were washed out and store rooms and holds restowed.

Appd A. H. McCormick
Comdg Spec. Duty

LOG OF U. S. S. "Essex" Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Flood		S.W.	S.W.	3											
2			N.W.	"	3											
3			"	"	3											
4			"	"	2		30.01	68	37	32		P.C.	cirr.	8		
5			"	"	2											
6			"	N.N.E.	2											
7			"	"	2											
8	Ebb			E.S.E.	2		29.87	64	37	35		O.C.	nimb.	9		
9			E.N.E.	S.E.	2											
10			S.E.	N.E.	2											
11			SE x S	"	2											
12				N.N.E	2		2985	76	39	37		O.C.+	nimb	0		

Lat. by D. R.

Long. by D. R. Naval Anchorage Norfolk. Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N.E.	N.N.E	4											
2	Flood		N.N.W.	N.	7											
3			N N x W	"	7											
4			N W.	"	7		29.88	78	35	32		O.C.+	Nimb.	0		
5			"	N.N.W	7											
6			"	"	7											
7			"	"	7											
8	Ebb		"	"	6		29.94	76	32	31		b.c.q.	cum.			
9			SE x S	"	6-8											
10			S.S.E.	"	6-8											
11			W.S.W.	"	6-8											
12			S.W.	"	6-8		30.03	65	32	30		b.c.q.	cum			

REMARKS:

Jan 1st 1862. 187

The weather clear and cold in morning with light breezes from S.W. but early in the day it clouded over and began to snow heavily the crew were called to muster & arts of war read It stopped snowing about 5 P.M. About 7 men were received from the Relieving Ship Colorado

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N W x W	N. N. W	6											
2			S. W.	N W x W	5											
3			W x N	"	4											
4			N. W.	N. N. W.	3		30.07	60	29	27		V.	—	10		
5			"	"	3											
6			"	"	3											
7			W. N. W.	"	3											
8			W x N	"	4		30.17	70	31	28		V.	—	10		
9	Ebb.		E. N. E.	N.	4											
10			E. S. E.	N. E.	4											
11			"	"	4											
12			"	"	4		30.20	72	27	26		Hz	cir.	7		

Lat. by D. R.

Long. by D. R. Naval Anchorage

Lat. by Obs.

Long by Obs. Norfolk Va

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			S. S. E.	W.	4											
2			W	N W.	3											
3			W. N. W.	"	3											
4			"	W x N	2		30.19	70	31	28		L. C.	cir cum.	2		
5			"	"	2											
6			N. W.	"	1											
7			"	"	1											
8			"	"	1		30.27	71	32	30		L. C.	cir cum	7		
9			S.	S. W.	1											
10			S. E.	"	1											
11			S. E. ½ S	N.	1											
12			"	N. W. E.	1		30.26	64	31	30		H	—	10		

REMARKS:

Jan 2nd. 1882

The weather was clear and cold at 9.30. A.M. mustered at quarters and found the following men absent at quarters Charles Orndorff, Henry Cadier August Bunan Walter Disney, B. Berns, a reward of $10 was offered for the return of each of the following. Cadier. Disney, Bunan, they were returned and the rewards paid.

LOG OF U. S. S. "Essex" Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S.E.	N.N.E.	1											
2	Flood		S.S.E.	"	1											
3			W.	NE x N.	1											
4			N.W.N.	N.N.E.	1		30.32	65	30	29		f.	—	10		
5			N.W.	"	2											
6			N.N.W.	"	2											
7			N.W.	N.	3											
8			N.W.N.	N.N.W.	3		30.38	60	28	28		f.	—	10		
9			E x N.	N.	3											
10				N.N.W.	2											
11			S.E.	"	2											
12			SE x S.	"	2		30.42	65	34	34		f.	—	10		

Lat. by D. R.

Long. by D. R. Naval Anchorage

Lat. by Obs.

Long by Obs. Norfolk Va

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S.E.	N.N.W.	2											
2			"	"	2											
3			S.	S.	2											
4	Flood		W.	"	1		30.40	70	38	38		b. c.	cir.	9		
5			N.N.W.	W.S.W.	2											
6			N.W. x W.	S W.	2											
7			"	W.S.W.	2											
8			N.W.	"	2		30.45	70	34	33		f.	—	10		
9	Ebb.		"	"	2											
10			S.E.	S.W.	3											
11			S.E. x S.	"	2											
12			"	"	2		30.49	67	33	33		f.	—	10		

REMARKS:

Jan. 2nd 1892

Clear and cool moderate winds. Working party sent to the navy yard to load sixteen tons of coal in a lighter which was towed to the ship by the Navy Yard tug received on board stowed for the Paymasters department and stowed thirty tons of coal before night sent a load of ashes away in lighter.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			SE x S	S. W.												
2			"	N. W.												
3			S. S. W.	"												
4	Flood		W W x N	"			30.61	68	32	31		h.	—	10		
5			N. W.	"												
6			N W x N.	N. N. W.												
7			"	N.												
8			N. N. W.	N. E.			30.64	64	33	32		h.	—	10		
9			N x W.	"												
10			N x E.	"												
11	Ebb.		N	"												
12			E. S. E.	"			30.69	67	35	34		h. c. q.	cir cum	4		

Lat. by D. R.

Long. by D. R. Naval Anchorage

Lat. by Obs. Norfolk Va

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			S. E. x E	N. E.												
2			"	"												
3			"	"												
4			"	"			30.72	67	33	33		O. C.	cum.	0		
5	Flood		N. N. W.	N. N. E												
6			N W x N	"												
7			"	"												
8			"	"			30.74	70	32	32		O. C.	cum. str.	0		
9			"	"												
10	Ebb.		N. N. E.	"												
11			"	"												
12			"	"			30.73	70	84	33		O. C. r	cirrb.	0		

REMARKS:

Jan 4th 1872

Weather clear and cool and pleasant with moderate breezes and occasional squalls. Got up anchor at 11 A.M and let go the starboard anchor and veered to 30 fathoms of chain. Port anchor foul

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S.E.	N.N.E.	2											
2			"	"	2											
3			E.S.E.	"	3											
4			"	"	2		31.67	70	36	36		o.c.t.	nimbs	0		
5			N.N.	"	1											
6			N.N.W.	"	1											
7			"	"	1											
8			"	N.N.W.	1		30.67	69	39	38		o.c.t.	nimbs	0		
9			"	N.N.W.	1											
10			"	N.N.E.	1											
11	Ebb.		E.S.E.	N.	2											
12			"	N.W.	2		30.63	70	41	39		o.c.t.	nimbs	0		

Lat. by D. R.

Long. by D. R. Naval Anchorage, Norfolk Va.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S.E.	N.W.												
2			E.S.E.	"												
3			"	"												
4	Flood		"	"			30.60	70	41	39		o.c.t.	nimbs	0		
5			"	"												
6			N.W.	N.N.W												
7			"	"												
8			"	"			30.64	73	39	37		o.c.t.	nimbs	0		
9			"	"												
10			"	"												
11			N.E.	"												
12			S.E.	"			30.59	68	39	36		o.c.nr.	nimbs	0		

REMARKS:

Jan. 6th, 1892.

Weather was overcast with snow and rain the wind was moderate from N E to N W with falling barometer At. 9.30 Mustered and inspected crew at quarters.

LOG OF U. S. S. "Essex". Commanded by Comm'dr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			SE.	NW	1											
2			"	NNW	1											
3			SSE	"	1											
4			SSW	NW.	1		30.56	68	36	35		cdf	nim	0		
5	Fleet		NW	"	1											
6			"	"	1											
7			WxN	"	1											
8			"	"	1		30.56	67	35	34		cdf	nim	0		
9			"	Calm	0											
10			NW.	"	0											
11			"	"	0											
12	Ebb		ESE	ESE.	1		30.45	70	39	36		cor	nim	0		

Lat. by D. R.

Long. by D. R. Naval Anchorage

Lat. by Obs. Norfolk Va.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			SE.	S												
2			"	"												
3			"	"												
4			"	"			30.39	68	39	38		cor.	nim	0		
5			S	"												
6			WNW.	"												
7			"	"												
8			"	"			30.32	68	41	40		cam.	nim	0		
9			"	"												
10			WxN	"												
11			WSW.	WSW.												
12			SW.	"			30.27	68	41	41		cr.	nim	0		

REMARKS:

Jan 6th 1892

Weather was foggy and disagreeable with light breezes Got up overhauled and restowed both bower cables. Forequarters at at 9.30 A.M. Secured at 9.45. Restowed sheet chain. Rigged and overhauled Bilge pumps found them in good order Joseph Francis + Sidney Ramsey (Las.) were discharged.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			S.W.	N.S.W.	3-5											
2			"	"	2											
3			S.S.E.	"	2											
4			"	"	2		30.27	67	46	44		o.c.f.	nimb.	0		
5		Flood.	W.	"	2											
6			W.N.W.	"	2											
7			"	"	2											
8			N.W.	Calm	0		30.31	68	45	44		o.c.f.	nimb.	0		
9			"	"	0											
10			"	"	0											
11			"	"	0											
12		Lightwater	N.N.W.	"	0		30.33	70	47	46		o.c.f.	nimb.	0		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			S E x E.	Calm	0											
2			"	0	0											
3			"	S.	E											
4			S.E.	Calm.	0		30.33	68	48	47		o.c.f.	nimb.	0		
5			"	E	1											
6			"	"	1											
7			N.N.E.	E x N.	1											
8			N.W. x W.	"	1		30.36	70	46	45		o.c.nb	nimb.	0		
9			N.W.	S.E.	1											
10			N.W. x W.	"	1											
11			N.W.	"	1											
12			"	"	1		30.32	62	45	44		o.c.w	nimb.	0		

REMARKS:

Jan 7th 1862 187

Weather overcast and foggy. Wilty light airs. 2 workers at 9.30 A.M. Lt. Norfolk got 10 days M.L.R. Shell. John Doyle was confined for three days on bread and water and Peter Devany in double irons for fighting

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1		Ebb.	S.E.	S.E.	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		30.30	71	45	45		O.cm.	min	0		
5		Flood	SE x S	Calm	0											
6			W x S	"	0											
7			W x N	S	1											
8			W.N.W.	"	1		30.27	70	48	45		O.cm.	min	0		
9			"	"	2											
10			"	S.S.W.	2											
11			"	"	1											
12		Ebb	S.W. x W	"	1		30.27	71	53	52		O.cr.	min	0		

Lat. by D. R.

Long. by D. R. Naval Anchorage Norfolk Va

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			S.E.	S	1											
2			"	"	1											
3			"	"	2											
4			"	"	2		30.22	70	55	54		O.c.	min	0		
5		Flood	S.S.E.	"	2											
6			S x E	"	2											
7			S. W.	"	2											
8			W.N.W.	"	2		30.20	68	56	55		O.c.	min	0		
9			"	"	2											
10			"	"	1											
11			W	S.W.	2											
12			"	"	3		30.14	69	55	54		O.m. a/s Strat		6		

REMARKS:

Jan. 8th 1892

Weather overcast and foggy with log at Buoys from S° & W° Quarters at 9.30 A.M. and ship was inspected by commanding Officer, John Doyle was released from confinement and put under the surgeons care by direction of Commanding Officer.

LOG OF U. S. S. Essex. Commanded by Comdr. A. F. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ebb		S.	S.W.	4											
2			S.S.E.	"	4											
3			"	"	3											
4			"	"	4		30.17	70	56	55		b.c.f.	nimb	7		
5			S.E.	"	3											
6			N.S.W.	"	2											
7			"	"	3											
8			W.	W x S	2		30.17	70	59	58		f.c.	cir. str.	6		
9			"	"	3											
10	In charge of pilot		"	"	4											Under steam alone
11	"		"	"	4											
12	"		"	"	4		30.16	72	55	53		o.c.	nimb.	0		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	In charge of Pilot.		W x S	4											
2	"		"	4											
3	"		"	3											
4	At anchor off			3		30.15	70	56	58		f.c.	nimb	0		
5	Fort Monroe		S.W.	2											
6	"	N.S.W	"	2											
7	"	W	"	3-4											
8	"	W.N.W.	W.N.W.	3-4		30.29	68	54	49		f.c.f.	cir. nimb	1		
9	"	N.E.	"	5											
10	"	"	"	5											
11	"	E.N.E	W	5											
12	"	"	W x W.	4		30.37	68	48	47		f.c.f.	cir. nimb	5		

REMARKS:

Jan 9th. 1862

Pleasant weather until in early morning light breeze from S.W. Made preparations for sea and Starboard fires in four after boilers got up anchor at 9.30 a.m. and steamed ahead for Fortress Monroe in charge of Pilot.

At 12.25 went to Quarters and fired 10 shell from 8" M.L.R. The shells all exploded successfully with the exception of no 4 which exploded just outside the Muzzle. Also fired three shell from 60 pdr. Secured at 1.45 - at 2.00 called all hands bring ship to anchor + moored to 40 fathoms in 12 fathoms of water. Thimble Light (p.c) E x N ¼ N Old Point Light N E ¼ N Hampton W.N.W.

LOG OF U. S. S. "Essex" Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N.E.	N	4											
2			N	"	5											
3			"	"	5											
4			N.W.	N × E	5		30.4456		42	39		b.c.	Cum	7		
5			"	"	5											
6			N.N.W.	"	5											
7			N	N.N.E.	4											
8			"	"	4		30.59	76	41	37		b.c.	Cir	8		
9			"	"	5											
10				"	5											
11				"	5											
12			E ½ N	"	5		30.52	75	41	37		o.c.	Nim	0		

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	7	4	E ½ N	N.N.E.	4											
2	7	5	"	E	4											
3	7	5	"	E × N	4											
4	7	5	"	"	4		30.44	82	46	43	49	ocd	Nim	0	S	
5	7	2	"	"	4											
6	7	0	"	"	5											
7	6	6	"	"	6											
8	6	8	"	"	7		30.40	70	48	56	51	ocr	Nim	0	S	
9	6	6	"	"	5											
10	6	0	"	"	4											
11	5	8	"	"	4											
12	6	8	"	E × S	3		30.21	60	52	51	67	oca	Nim	0	S	

REMARKS:

Jan 10th 1892

Weather clear and cool in the early morning but overcast later in the day Stff breeze from N.a at 9 a.m. got up anchor and steamed towards Cape Henry at 10 a.m. set all fore and aft sail, at 11 30 pilot left the ship. At 11.37 took departure from outer channel buoy. set patent log Course E ½ N

At 1.45 took in all fore and aft sail lost sight of land about 1.15 Drizzling rain during latter part of the day

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5-	E ½ N	E x S	4											
2	1	5-	"	"	4											
3	7	0	"	"	3											
4	8	0	"	"	2		30.10	60	55-	44	55-	b.c.	Cir	2	S	
5	8	4	"	"	2											
6	8	4	"	S	2											Set Jib + F. Jib.
7	7	2		SW	2											set fores'l t'gs'l. set t'gs'l
8	8	4		W by W	4		29.7	64	59	54	60	o.c.m.	Cir	0	S	+ Royals.
9	9	0			4											set Stbn fore t'mast-stay
10	7	6			4											
11	6	3			4											
12	6	6			4		30.07	66	59	57	57	Oc.	Cir	0	S	

Lat. by D. R.	39°	8'	N
Long. by D. R.	72	00	
Lat. by Obs.	37	6·2	
Long by Obs.	72	23	

Dist. per Log, 180.6

Rate of Current, .9

Set " " N 85-6° W.

Variation of Compass, 4° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	8	E ½ N	W x S	5-											
2	8	0	E ½ S	W x W	7											
3	9	0	"	N.W.	5-											
4	9	0	"	"	6		30.16	62	60	59	74	b.c.g.	Cir min	0	R	
5	3	5-	E x N	"	7											
6	8	6-	E ½ S	"	5-											
7	9	0	"	"	7											
8	8	4	"	"	7		30.5-	67	55·	52	72	b.c.g.	Cir min	3	R	
9	8	8	E ¾ S	"	7											
10	8	2	"	"	7											
11	8	4	E ½ S	"	5-8											
12	8	4	"	"	6-8		30.16	62	56	52	72	b.c.g.	Cir min	4	R	

REMARKS:

Jan 11th 1872

Weather cloudy and disagreable in the morning but clear and pleasant later in the day. Stiff breze in morning and fresh gale towards evening Ship. Set fore and aft sail at 6 P.M. taking in Spanker and main trysail as wind drew aft. Set foresail at 7.15- and topsail at 7.60. Set foresail at 7.15- + topsails about 7.60 by order of Commanding Officer let them run down. Crossed topgallant yards at 8 A.M.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	5-	E ½ S	N.W.	5-8											Low topsails Stg sl. Single reef tops'ls furled
2	8	5-	"	"	6-8											
3	8	5-	"	N.N.W.	6-8											
4	8	5-	"	"	6-8	30.24	62	53	48	65-	Fog	Cu.Nim	2	L		
5	6	5-			6-8											
6	6	5-			6-8											
7	7	0			6-8											
8	7	5-			6-8	30.5-	67	54	50	66	Fog	Cu.Nim	4	L		
9	8	0			6-8											
10	6	4			5-7											
11	6	0			5-7											
12	4	0			5-7	30.32	58	53	46	64	Fog.	Cu.Nim	6	R		

Lat. by D. R. 37° 06'
Long. by D. R. 68° 21'
Lat. by Obs. 36° 58'
Long by Obs. 65-° 57'

Dist. per Log, 188.4 m
Rate of Current, 0-0 m
Set " " N 76 E
Variation of Compass, 7° W

1	8	0	E ½ S	N.N.W.	5-7											Double sing reef tops'ls Low topmast Stay sl. Main try sl.
2	7	8	"	"	5-8											
3	7	4	N "	"	5-8											
4	7	2	"	"	5-8	30.40	71	62	46	60	Fog	Cu.nim	5-	R		
5	8	0	"	"	5-9											
6	8	0	"	"	5-9											
7	6	5-	"	"	5-7											
8	8	0	"	"	5-7	30.42	65-	50	47	71	Fog.	Cumm	4	L		Same
9	8	0	"	"	5-7											
10	8	0	"	"	5-7											
11	6	4	"	W	5-6											
12	6	0	"	"	5-7	30.46-	61	53	45-	65-	Fog.	Cu.Nim	4	L		

REMARKS:

Jan 12th 1892

The weather was cloudy and pleasant with moderate gale from N.N.W. The wind came in stiff squalls from time to time. The ship riding a long and regular swell from the N^d + W^a and rolling 30° to leeward and 28-° to windward. At 9.15- went to quarters and mustered and inspected crew. Set up preventer braces during afternoon watch.

LOG OF U. S. S. "Essex" Commanded by Commr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	4	E ½ S	N × E	5-6											Lower. Sing ref. tops
2	5-	8	"	"	6-8											
3	5-	8	"	"	5-7											Topmast Staysl. in by
4	5-	6	"	"	5-7		30.42	6	5-0	45-	68	P.c.q.	Cir mix	1	M	sl.
5	5-	6	"	"	5-6											
6	5-	0	"	"	4-6											
7	6-	0	"	N. N. E.	3											
8	3 2	0	E ½ S S E × E	N. E.	3		30.45-	58	62	48	69	P.C.	Cir	7	M	
9	5-	5-	S E	N E × E	3											
10	3	5-	S E ½ S	N. E.	2											
11	3	0	"	E. N. E.	2											
12	1	5-	S S E	"	2		30.41	71	53	46	71	P.c.	Cir Cl.	8	S	Same

Lat. by D. R. 36° 44'

Long. by D. R. 65-° 32'

Lat. by Obs. 36° 46'

Long by Obs. 63° 63'

Dist. per Log, 144 m

Rate of Current,

Set " "

Variation of Compass, 10° W.

1	2	0	S.S.E.	Variable	0-1										
2			S × W	"	0-1										
3			"	"	0-1										
4	1	0	E. N. E.	S. E.	3		30.35-	74	53-	55-	70	O.C.	Cir	0	L	
5	3	0	"	S E × S	4											
6	5-	0	E ½ N	S.S.E.	4											
7	6	0	S "	"	5-											
8	6	0	E ½ S	S. × E.	5-8		30.18	80				O.C.q.	Cir	0	L	
9	7	6-	"	S.	6-8											Tow limit. sail. For storm
10	6	5-	"	"	6-9											Staysl 3/4 M trysl.
11	3	0	E × S	S.S.W.	6-10											Close reefs M taken.
12	4	0	S.E.	S.W.	6-10		29.85-	70	60	59		O.C.q.	Cir	0	H	

REMARKS:

Jan 13th 1872

The weather cloudy and pleasant in the morning but during the afternoon the wind increased untill it blew a gale. At 6 AM. Shook reefs out of topsails and set topgallant sails jib and spanker Beat studding sails Single reefed topsails at 5 P.M. at 7 P.M. furled topgallant sails jib and spanker and at 7.20 called all hands double reef topsails Single reefed foresail and got up preventer braces. The gale still increased in force and it was found necessary to heave the ship to, and all hands were called to take in foresail and fore-topsail, and close reef the main topsail. The fore storm staysail and storm mizzen were set. In setting the main topsail the gaff carried away and the sail was set the head being only partially hauled out. Life lines were run fore and aft and all the hatches but the Engine room hatch were battened down. The ship rolled heavily and shipped considerable quantities of water

LOG OF U. S. S. Essex — Commanded by H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	5-	E ½ S	N.W.	5											
2	8	5-	"	"	7											Lowlopmast. staysl.
3	8	5-	"	N.N.W.	7											single reefed topsl
4	8	5-	"	"	7		30.24	62	5-8	48	65-	Fog.	Cumm	2	L	& foresail
5	6	5-	"	"	7											
6	6	5-	"	"	7											
7	7	0	"	"	7											
8	7	5	"	"	7		30.5-5-	67	53-	5-0	66	Fog.	"	4	L	
9	8	0	"	"	7											
10	6	4	"	"	6											
11	6	0	"	"	6											
12	4	0	"	"	6		30.32	58	5-3	46	64	Fog.	"	6	R	

Lat. by D. R. 37 06

Long. by D. R. 68 - 21

Lat. by Obs. 36 5-8

Long by Obs. 65-. 57.

Dist. per Log, 188:4

Rate of Current, 5-0

Set " " N 76° E

Variation of Compass, 7° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	0	"	"	7											"
2	7	8	"	"	7											
3	7	4	"	"	7											& Main trysail
4	7	2	"	"	7		30.40	62	1-3	48	65-	Foggy	"	5-	R	
5	7	0	"	"	7											
6	8	0	"	"	7											
7	6	5-	"	"	7											
8	8	0	"	"	6		30.44	67	55-5-0		66	Fog.	"	4	L	Same
9	8	0	"	"	6											
10	8	0	"	"	6											
11	6	4	"	N	6											
12	6	0	"	"	6		30.45-	58	53	46	64	Fog.	"	4	R	

REMARKS:

Jan 14th 1872

Still blowing a heavy gale the wind hauled from SW round to NW×N The weather was dark gloomy and threatening with rain squalls and fitting barometer until about 6 o'clock when the barometer began to rise. Battens down at one A.M. and started fires in the furnaces at three A.M. and tried to hoist upon pipe but this could not be done on account of the heavy rolling. Went ahead slow at 8.30 making from 30 to 35 revolutions giving the ship steerage way and helping her to ride the sea. During the morning the starboard light and light-box were washed overboard. The entry grating and anchor buoy were washed out of main chains. The spar-port was also stove in. Carried away the fore topmast stay

Passed a barque laying to on starboard tack at 2 P.M. the wheel ropes became unmanagable and the ship had to be steered by relieving tackles

LOG OF U. S. S. Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	4	E ÷ S	N x E	6											Forsail single reefed topsails & F.t. set & M try sl.
2	5-	8	"	"	7											
3	6-	4	"	"	6											
4	5-	6	"	"	6	30.42	60	50	45-	68	b.	cumm	1	m		
5	1-	6	"	"	6											
6	5-	0	"	"	4											
7	5-	0	"	"	5											
8	3 2	0 6-	S E x E	N N E	3	30.45-	54	52	48	69	b.	cir	7	m		
9	5	6-	S E	"	3											
10	3	5-	S E ÷ S	"	2											
11	3	0	"	N. E.	2											
12	1	5-	S S. E.	E N. E.	2	30.41	71	53	46	71	b.	cumst.	8	8		Same

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	2	0	S S. E.	Variable	2											
2			S x W	"	0											
3			"	"	0											
4	1	0	E. N. E.	S E	3	30.38-	78	58-	55-	70	o.c.	cumm	0	d		Light ruf to pole
5	3	0	"	S E x S	4											
6	5-	0	E ÷ N	S. S. E.	4											
7	6	0	"	"	5-											
8	6	0	E ÷ S	S x E	6	30.18					o.c.	cumm	0	d		
9	7	6-	"	S	7											Lower topmast stunsl fore storm stunsl 3/4 main stunsl
10	8	6	"	"	7											
11	3	0	S x S	S S W.	7											
12	4	6	S. E.	S. W.	7	29.88-	70	60	59		o.c.	cumm	0	H		

REMARKS:

Jan 15-th 1872

During the night the gale still continued but about day broke it moderated and the weather improved but the sea still run high. At 7.15- a.m. set reefed forsail shook out one reef and set topsails, wore ship and stood East. At 9 a.m. stopped Engine and uncoupled screw At 9 o'clock shook reefs out of topsails and at 10 set topgallant sails. Shifted foretopsail set in place of main and sent down stunsl of main. at 1 p.m. set flying jib crossed royal yards and set Royals.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	5	E ½ S	NNW.	2											
2	8	5	"	"	2											
3	8	5	"	"	2											
4	8	5	"	"	2		30.36	66	59	59	63		Cir nim	6	8	
5	6	5	"	NNW.	2											
6	6	5	"	S.S.W.	2											Steam sail and tops'l + lgt stnsls.
7	7	5	"	"	2											
8	7	0	"	"	2		30.36	65	68	57	65		Strat	2	8	
9	8	5	"	S.W.	2											
10	6	0	"	"	4											
11	6	4	"	"	4											
12	4	0	"	"	4		30.38	71	64	60	64		Cum strat	5	8	

Lat. by D. R. 35°.81'

Long. by D. R. 59°.14'

Lat. by Obs. 35°.34' N

Long by Obs. 59°.09' W

Dist. per Log, 109.1. Knots

Rate of Current, 1/24

Set " " N 58° East

Variation of Compass, 13° West

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4½	0	E ¾ S	SSW.	3											
2	6	4	"	"	4											
3	7	0	"	"	4											
4	7	0	"	"	4		30.32	65	64	58	62	Cc.	Cu cum	7	8	
5	6	4	"	"	4											
6	7	4	"	"	4											Single ref topsls with topsls over them
7	7	5	"	"	4											
8	7	5	"	"	4		30.34	64	64	56	65	Cc.	"	4	8	Fore sail pit + main trysail
9	7	2	E x S	S x W	4											
10	7	2	"	SSW.	4											
11	7	0	"	SW ¼ S	4											
12	8	0	"	S x W	4		30.30	65	62	58		Ccs.	Cum	0	8	

REMARKS:

January 16th 1862

During morning watch a brig was sighted on starboard bow and a barque on starboard quarter. Clear and pleasant quite breeze from N.a then from S.a & E.a Set topgallant studsls at 8.10 At 4.45 took in togallt and topmast stuns'l and single reefed topsails and set topgallant studdingsails over them furling royals and flying pit mastrea at quarters at 5.10

LOG OF U. S. S. "Essex" Commanded by Commdr A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	2	E×S	S.S.W.	4											
2	7	0	..	..	4											Lower. sing. ref. topsls
3	7	6	..	..	5											Fore storm staysail &
4	7	2	..	..	5		30.25	65	64	58	66	ocr.	Nim	0	M	Main trysail
5	7	4	..	..	4											
6	7	0	..	..	4											Set topsls & jib took
7	7	5	..	..	4											in fore storm stays'l.
8	7	6	..	SW×W	5		30.26	65	64	58	57	o.c.q.	ci strat	0	M	
9	8	0	..	S.W.	5											
10	8	0	..	..	5											
11	8	0	..	..	6											..
12	6	0	..	S×W	6		30.21	68	63	60	66	o.c.q.	Nim	0	M	

Lat. by D. R. 35 . 48 . 12

Long. by D. R. 53 . 27 . 00

Lat. by Obs.

Long by Obs.

Dist. per Log, 17 & 5 Knots

Rate of Current,

Set " "

Variation of Compass,

1	8	0	..	S×W	7											
2	8	0	..	..	7											Same
3	8	0	..	..	7											
4	8	4	..	..	7		30.15	67	64	59	66	o.c.q.	Nim	0	M	
5	8	4	..	..	7											Took in tops'ls & jib
6	8	0	..	..	7											
7	7	5	..	..	7											
8	8	0	..	..	5		30.14	67	64	61	66	o.c.	Nim	0	M	
9	8	0	..	S	6											Same
10	8	0	..	..	6											
11	8	0	..	..	6											
12	8	0	"	"	6		30.10	68	65	63	64	o.c.q.	Ci Cum	0	M	

REMARKS:

January 17th 1882

Cloudy and drizzling rain during mid watch. Fresh breze from S.S.W. At 12.30 took in and furled topgallant sails and stowed jib set fore storm stays'l. At 6 A.M. set topgallantsails. At 9.15 went to quarters and drilled the first and third divisions at small arms and second division at single sticks. The following boys were given extra watch from Jan. 17th to Jan 19th by order of the Commanding Officer for stowing themselves away while on watch Bashforth, Lidner, Coburn, Floyd, Henry, Pickett. Finished the splice in fore topmast stay and set the sail at 3.45. At 4.30 took in and furled topgallantsails and stowed jib

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	E x S	SW x W	6											
2	8	0	"	"	6											Single ref. topsls. Fores.
3	8	0	"	"	6											M. trysl fore topmast staysl
4	8	0	"	W.S.W.	6		30.05-	68	65-	68	65-	Fog	nim	5-	R	
5	9	6	"	"	6											
6	9	2	"		6											
7	7	6	"	N.W.	6											Took two refs in topsls
8	7	0	"	N x E	6		30.16	65	64	63	65-	o.c.	nim	0	R	Took in fore topmast
9	8	5-	"	"	7											staysl & jib. Set storm
10	6	5-	E.S.E.	N	7											staysl and single reefed
11	2	5-	"	"	6											foresail
12	7	5-	"	"	6		30.21	64	57	62	65-	Fog.	Ci nim	2	R	
1	6	0	SE x E ½ E	NE x N	5.6											
2	6	0	SE x E	"	6											Same
3	6	0	"	"	6											
4	6	0	"	"	6		30.25-	64	55-	49	65-	F.C.g.	Ci nim	3	R	
5	4	5-	"	"	6											
6	4	5-	"	N.E.	6											Double reefed topsls
7	5	0	SE ½ E	"	5											furled main trysail
8	5-	0	SE x E	"	5-		30.35-	75-	54	50	65-	F.C.g.	Ci nim	2	R	
9	5-	0	"	"	4											
10	4	5-	"	"	4											
11	5-	0	"	"	4											Set fore topmast staysl.
12	4	5-	"	"	4		30.40	64	53	48	66	F.C.g.	Ci nim	4	M	

Lat. by D. R. 35-° 46' N

Long. by D. R. 8-1° 37' W

Lat. by Obs. 36° 29' N

Long by Obs.

Dist. per Log, 188.6

Rate of Current,

Set " "

Variation of Compass,

REMARKS:

January 18th 1862

The main trysail was set at 8 A.M. about 9.30 the breeze freshened to a moderate gale and the second ref was taken in the topsails and single ref in foresail hauled down fore topmast staysail and set fore-storm staysail. At 1 P.M. changed course from SE x E ½ E to SE x E by order of the Commanding Officer. The weather was squally and sometimes overcast although not unpleasant. The barometer gradually rising during the day

LOG OF U. S. S. Essex — Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	6	SExE	N.E.	6											
2	5-	0	"	"	6											Double reefed topsails, sing. reef. Fores'l. Fore. top. st. sl. M. tried fore storm staysl
3	5-	5-	"	"	6											
4	5-	5-	"	"	6		30.28	68	5-2	48	65-	fog q.	Cu nim	2	R	
5	5.	4	"	"	5-											
6	4	6	"	ENE.	5-											
7	4	6	S.E.	ExN	5-											
8	5-	0	SSE.½E	E.N.E.	6-		30.42	62	5-3	49	65-	fog p.a.	"	3	M	
9	4	2	SExS	"	5-											
10	4	0	"	"	5-											
11	4	0	"	"	4											
12	4	0	"	"	5-		30.40	75-	55-	52	65-	fog.	Cu nim	4	M	

Lat. by D. R. 35°- 32' N

Long. by D. R. 49° 30' W

Lat. by Obs. 35°- 21' N

Long by Obs. 48° - 40' W

Dist. per Log, 119 knots.

Rate of Current,

Set " "

Variation of Compass,

1	4	5-	SExE	E.N.E.	4	2										
2	5-	0	SE½E	"	5-	1										
3	4	6	S.E.	"	5	1½										Sunset
4	5-	0	SE½S	ExN	5-	1½	30.34	67	54	54	65-	o.c.q.p.	Cu nim	0	M	Took in jib and spanker reef at 8 P.M. Double reefed topsails fores'l. storm staysl
5	6-	5-	S.S.E.	"	5	1½										
6	4	5-	"	E	5-	1½										
7	4	6-	SSE½E.	"	4	1½										
8	4	5-	"	"	4	1½	30.38	75-	60	55-	64	fog p.	Cu nim.	5-	M	
9	4	0	S.S.E.	"	4	1½										
10	4	2	SSE½E	"	4	1½										
11	4	2	"	ExN	4	1½										
12	4	0	SE½E	E.N.E.	4	1½	30.33	70	60	54	65-	fog.	Cu nim	4	M	

REMARKS:

Jan 19th 1882

Weather squally with drizzling rain Brisk fresh from N.a & E.n. Sighted a vessel to windward bow in the morning watch she was heading to the N.w & E.a Mustered the crew at quarters at 9 h.- at 9 h 30 m reefed the reefs in topsails.

At 1 P.M. shook one reef out of topsails. set jib and spanker at 3.30 took in the jib and spanker. At 5 P.M. took second reef in topsails.

By order of the Commanding officer the following changes in the ratings were made.

James Reilly	from	C.F.C.	to	2.M.
Louis Deistle	"	2.M.	"	C.F.C.
John Bradley	"	C. Top.	"	2.M.
J. J. Euston	"	C. Top	"	Sea
P.M. Sheehan	"	Sea	"	C. Top.
Louis F Schumann	"	2.M.	"	Sea
Thos. E. Spencer	"	Sea	"	C. Top.

To date from Jan 19 1882

LOG OF U. S. S. "Essex" 3 Rate Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	S.S.E.	E.N.E.	2											
2	1	0	N × W	N E × E	3											Double reefed topsl single reefed foresl
3	2	0	N ½ W	"	2											
4	1	4	N × W	"	3	2	30.36	70	59	55	65	B.C.	Cum	8	M	Stowed stays'l & trysl
5	1	5	"	E.N.E.	2	2										
6	1	0	"	"	2	2										
7	1	0	"	"	2	2										Shook reefs out of foresail
8	1	0	"	"	2	2	30.34	69	61	57		B.C.	Cir Cum	7	S	
9	1	5	S.S.E.	N E × E	2	1/2										
10	2	0	S × E ½ E	E × S	2	1/2										Set jib & topsails all plain sail to topsails.
11	2	0	S S E ½ E	E	2	1/2										
12	1	8	S E × E	E × N	1	1/2	30.31	69	64	60		B.C.	Cum	6	S	

Lat. by D. R. 34° 34' N

Long. by D. R. 48° 07' W

Lat. by Obs. 34° 36' N

Long by Obs. 47° 57' W

Dist. per Log, 5-9 Knots

Rate of Current,

Set " "

Variation of Compass, 20° W

1	1	4	S E × E	E × N	1	1										
2	2	0	E.S.E.	N.E.	1	1										Set royals flying jib and main trysail
3	2	8	S S E ½ E	"	2	1										
4	3	2	E S.E.	"	3	1	30.27	70	62	59		B.C.	Cum	5	L	
5	4	5	"	"	3	1½										Furled and down royals single reefed topsails
6	3	6	S S E ½ E	"	3											
7	4	0	S E × E	N E × E	3											Stowed fore storm stays'l
8	5	0	"	"	3		30.30	69	57	69		B.C.	Cir Cum	6	L	
9	4	8	S.E.	E.N.E.	3	1/2										
10	4	0	"	"	3	1/2										
11	2	0	S E ¾ E	N E × E	2	1/2										
12	3	0	S E × S	E × N	2	1/2	30.32	67	62	60		B.C.	Cir Cum	5	L	

REMARKS:

January 20th 1872

Clear and pleasant Barometer steady light Breeze from N.E. to E. At 1.15 wore ship to westward, at 6 A.M. Shook out all reefs & got sail off the port bow Wore ship at 8.20 Set topgallant sails and spanker 8.50 Exercised at fire quarters at 9.15 Took in main trysail at 10 A.M. Private Lewis was put in solitary confinement on bread and water by order of the Commanding Officer. Extra duty was given to the following boys for missing muster. R. C. Marrett R. E. Henry, J. R. Coban At 1.20 crossed royal yards and set royals flying jib and main trysail.

At 5 P.M mustered at quarters. and at 5.10. single reefed topsails furled royals and flying jib, set topgallant sails over reefed topsails

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	4	SbE÷E	E×N	1											
2	2	0	SE÷S	ENE	1											Jib Fore t. sl. sing'g. t. sls
3	2	0	SE×E	NE×E	1											
4	1	5-	SE	ENE	1		30.27	66	64	62		b.c.	ci cu	9	L	Main Topsl. + Spanker
5	1	5-	SE÷S	"	1											
6	2	1-	SE×S	E×N	2											
7	2	5-	SE÷S	"	2											
8	2	0	SE×E÷E	E	2		30.31	74	65	63		b.c.	ci cu	8	L	Sent up main cut sl. sails cut flying jib
9	2	5-	"	"	2											
10	2	0	"	ESE	1											
11	1	5-	NNE	"	1											
12	1	0	NE	E×N	1											

Lat. by D. R. 34.20. N

Long. by D. R. 46.12. W.

Lat. by Obs. 34.19. N

Long by Obs. 46.13. W

Dist. per Log, 36.6 Knots

Rate of Current,

Set " "

Variation of Compass, 20° W.

1	0		E×N	S E×S	4											
2	1		"	"	4											Lo'bals. forecl. Jib fore t.mast sl.sl. + Spanker.
3	1		"	"	3											
4		6	"	"	4		30.29	69	66	64		b.c.	ci cu	3	L	
5		2	"	"	4											
6	0		"	"	4											
7	1	4	E÷N	"	4											
8	1		E	"	4		30.29	70.	65-	63.		b.c.	ci cu	8	L	
9	1		E÷N	"	4											
10	1	5-	E×N	"	4											
11	1	5-	ENE÷E	"	4											
12	2	0	"	"	4		30.29	70	65-	62		b.c.	ci cu	9		

REMARKS:

January 21st 187

Chas and warn light- bruge from E and N.E. at 7.45- shook reefs out of topsails at 10.15- Clewed up lightsails and brailed up Spanker and clewed up courses and braced the yards aboxe. About 11.15- filled away on starboard tack and set foresail wore at 11.15- and set topgallant sails and Spanker called to quarters 4.45-
Barometer steady and sea long. from S.a.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	2	ENE ½ E	S.E.	2	½										
2	2	6	ENE ¼ E	"	2	½										Single reefed topsails Foresail jib Topgal. sls
3	2	4	"	"	2	½										
4	2	0	E × N	SE × S	1	½	30.29	69	65	65		B	Cum	10	L	Mainsail f.t. staysl.
5	1	8	"	"	1	½										
6	1	8	"	"	1	½										
7	1	4	"	"	1	½										
8	1	2	E ½ N	"	1	½	30.28	70	66	62		V.C.	Cir Cum	9	L	All plain to royals
9	2	0	E × N	"	1	½										
10	2	0	E ½ N	"	1	½										
11	3	0	"	"	2	½										
12	3	0	E × N	"	2	½	30.28	70	66	63		V.C.	Cir	9	S	

Lat. by D. R. 34°.20'. N
Long. by D. R. 46°.12'. W
Lat. by Obs. 34°.19'. N
Long by Obs. 46°.13'. W

Dist. per Log, 36.6 Knots
Rate of Current,
Set " "
Variation of Compass, 2°. W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	5-	E × N	SE × S	2	1										
2	4	0	"	"	2	1										
3	4	0	"	"	2	1										Single reefed topsls topgal sls. jib f.t. staysl. M trysl fortsl. + spanker
4	4	0	"	"	3	1	30.28	69	65	62	65-	V.C.	Cir Cum	7	S	
5	3	0	"	"	2	¼										
6	1	6	"	"	1	¼										
7	1	2	E ½ N	"	1											
8	1	5-	E	"	1											
9	2	0	E ½ N	"	2	½	30.32	70	65-	63		V.C.	Cir Cim	8	S	
10	4	0	E × N	"	2	½										
11	4	5-	E ½ N	"	3	½										
12	4	5-	"	"	3	½	30.30	67	64	62		B		10	S	

REMARKS:

January 22d 1872

Clear and pleasant with fresh breeze from N.a + E.a At daylight shook reefs out of topsails set royals. flying jib and Spanker Mustered at quarters and Captain inspected the crew G. W. Jones, (Boy) was made a prisoner at large for one day and then confined for five days on bread and water for sleeping on look out.

Reefed topsails at 5- P.M. furled royals and stowed flying jib then set topgallant sails over reefed topsails. At 11.05- P.M. passed a steamer bound to westward. Barometer steady.

LOG OF U. S. S. Essex Commanded by Commdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	E ¼ N	SE×S	3	3/4										
2	4	6-	E	S.S.E.	4	3/4										Single reef topsails forecl.
3	4	5-	E ½ S	S×E	4	3/4										M. topgal. t'p'gallds. jib
4	4	5-	"	"	4	3/4	30.29	68	64	60	65-	F.C.	Cir	9	8	Spanker & fore t'gallsl staysl
5	4	6	E	S.S.E.	4	1/2										
6	4	5-	E ½ S	"	4	1/2										
7	4	5-	E	"	4	1/2										
8	5-	4	"	"	4	1/2	30.30	66	64	60		F.C	Cir	8	8	Shook out reefs and set royals & flying jib.
9	6	0	"	"	4	1/2										
10	5-	0	"	"	4	1/2										
11	6	0	"	"	4	1/2										
12	6	4	"	"	4	1/2	30.26	67	65-	61		F.C	Cum	8	8	

Lat. by D. R. 34° 5-9' N

Long. by D. R. 44° 61. W

Lat. by Obs. 35-° 02' N

Long by Obs. 44° 11' W

Dist. per Log,

Rate of Current, 3/4 knots

Set " " E×N

Variation of Compass, 21° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	0	E ½ S	S.S.E.	4											
2	7	0	"	"	4											
3	16	6-	E×S	"	3											All plain sail
4	7	0	"	S×E	4		30.29	69	65-	62	61	F.	Cir	6	8	
5	16	6-	"	"	4	1/2										
6	6	0	"	"	4	3/4										
7	8-	2	"	S	4	1/2										
8	6	2	"	"	4	1/4	30.31	69	65-	62		F.	Cir Cum	6	8	
9	5	6	"	"	4											
10	6-	6	"	"	4											
11	8-	6	"	"	4											
12	6-	8	"	"	4		30.20	65-	65-	61		F.	Cir Cum	1	8	

REMARKS:

January 23rd 1862

Weather clear and pleasant with smooth sea shook the reefs out of topsails and set all plain sail to royals. At 7.30 a British barque passed heading to the westward she dipped her colors and was answered from this ship. The crew were exercised at general quarters. Went to Evening quarters at 5 P.M.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	2	E×S	S	4											Plain sail to topgals.
2	6	0	"	"	4											
3	7	0	"	S×W	4											
4	6	5	"	"	4		30.27	67	65	61		B.C.	Cum	7	S	Same
5	6	0	"	"	4	½										
6	6	0	"	S×E	4	¾										
7	6	8	"	"	4	1										
8	7	5	E.S.E.½E.	S	4	1	30.30	70	65	61		B.C.	Cir Strat	6	S	Shook reefs out of topsls and set royals & flying jib
9	7	4	"	"	4	1¼										
10	7	8	"	"	4	1¼										
11	7	2	"	"	4	1¼										
12	5	0	"	"	4		30.30	70	64	61		O.C.	Str Cum	0	S	

Lat. by D. R. 35°. 29′ N

Long. by D. R. 40°. 53′. W

Lat. by Obs. 35°. 35′. N

Long by Obs. 40°. 39′ W

Dist. per Log, 160 Knots.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	6	E.S.E.½E.	S	4											
2	6	0	E.S.E.	S.S.W.	4											
3	5	8	"	"	4											
4	4	2	"	"	4		30.28	69	62	60		O.C.	Cum Strat	0	S	
5	4	0	"	"	4											
6	4	5	"	"	4											
7	4	5	"	"	3											Hauled down f.t. Stay sl Bowlin up Spanker & in trysl.
8	5	0	"	S.W.	4		30.30	69	62	61		O.C.P.	Cum	0	S	
9	6	0	"	"	4											
10	6	2	"	S.S.W.	4											
11	6	2	"	"	4											Set m. trysl & Stunsail
12	7	0	"	"	5		30.26	69	63	62		O.C.	Cum Strat	5	S	

REMARKS:

January 24th 1872

The weather was clear and pleasant during the morning watch but cloudy later moderate brage & smooth sea. At 6.30. shook reefs out of topsls. and set Royals and jib. Went to quarters and Exercised 1st Div. great guns 2nd Div. single sticks and 3rd & Powder Divs. at small arms. At 2.20 took in royals and flying jib to a squall. Barometer steady.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	E.S.E.	S.S.W.	4											
2	6	0	"	"	4											Same
3	5-	6	"	"	4											
4	5-	6	"	"	4		30.12	65-	64	63		D.R.	Cirr	7	M	
5	6	6	"	"	5-											Plain sail to topgallants.
6	6	4	"	"	5											Except spanker
7	7	6	"	"	5-											
8	7	0	"	"	5-		30.14	65-	68	63		D.R.	Cir Cum	4	M	
9	6	5-	"	"	4											
10	7	0	"	"	4											
11	6	5-	"	"	4											
12	6	5-	"	"	3		30.08	67	64	62		ccg2.	Cum	0	M	Took in topgallant sail

Lat. by D. R. 35° 30' 10" N

Long. by D. R. 37° 43' 00 W

Lat. by Obs.

Long by Obs. 37°. 26'.00 W

Dist. per Log, 165- Knots

Rate of Current,

Set " "

Variation of Compass, 20° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	4	E.S.E.	S.S.W.	5-											
2	6	4	"	"	5-											
3	6	0	E x S	W x S	6-											
4	5-	0	E.S.E.	W.S.W.	4		30.00	68	64	61		ccg p	Nim.	0	M	
5	4	6	"	"	4											
6	4	2	"	W.N.W.	4											
7	3	8	"	"	3											
8	3	0	"	N.W.	2		30.09	69	62	61		ccd.	Nim.	0	S	
9	4	0	"	N x W	3											
10	5-	0	"	"	4											
11	5-	0	"	N.N.E.	5-											
12	4	0	"	N x E	5-		30.06	70	60	59		Cc.	Nim	0	S	

REMARKS:

January 25th 1892

Fine in morning but squally and rainy in afternoon At quarters at 9.15- the 1st div were exercising at small arms 2nd at great guns 3rd at Powder at single sticks. Took in and furled topgallant sails at noon. By order of Commdng officer Boy Wm Simpson was given extra watch from noon until noon of the 28th. and is to stand one lookout or Wheel in each day and the regular night watch at 240 took in stmsail main trysail and took two reefs in topsails and one in forsail to a severe looking squall coming from W^a At 10 took in and furled topgallant sails took second reef in topsails single reef in forsail hauled down and stowed foretopmast stmsail and got up preventer braces. At 11.55- sighted a light about two points off port bow and wore to clear it and then wore again as soon as clear.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2½	0	N.W. E.S.E.	N.N.E.	6											Double reefed topsail
2	5	5	"	"	6											single reefed foresail
3	6	0	"	N.E.×N.	6											& storm staysail
4	5-	4	"	"	6		30.06	63	60	58-		O.C.y.	Nim	0	R	
5	4	2	"	"	6											
6	3	8	"	"	6											
7	3	4	"	"	6											Set. main trysail
8	3	6	"	"	5-		30.12	65	60	55-		O.C.g.	Nim	0	R	
9	5-	0	S.E.×S.	E.N.E.	4											single reefed topsail
10	5-	0	S.E.	"	4											M. trysl. staysl jib
11	4	6	E.S.E.	N×E	4											& gaff
12	4	4	"	"	4		30.19	70	59	54		O.C.	Cir. Nim	0	L	

Lat. by D. R. 35° 14' - 48" N

Long. by D. R. 35° 18' - 00" W

Lat. by Obs. 35° 21' - 00" N

Long by Obs. 34° 48' - 00" W

Dist. per Log, 186 Knots

Rate of Current,

Set " "

Variation of Compass, 21° W

1	3	0	S.E.×E¾E	N.E.	2											
2	3	6-	S.E.×E½E	"	2											
3	3	5-	E.S.E.	"	2											
4	3	0	S.E.×E½E	"	2		30.17	75-	59	54		O.C.p.	Nim	0	L	
5	1	5-	S.E.	E.N.E.	2											
6	0	6-	S.E.×S	E×N	1											
7	3	6	S.E.	E.N.E.	3											
8	4	0	"	"			30.19	73	58	54		O.C.	Nim	0	L	
9	4	0	S.E.×E½E	N.E×N.	3											
10	2	8	S.E.×E	"	2											
11	3	0	S.E.½E	"	2											
12	3	4	E.S.E.	N.N.E.	3		30.22	67	57	54		O.C.	Nim	0	L	

REMARKS:

January 26th 187

Cloudy and light passing showers during mid watch wind blew a fresh gale from N.W. & W.N.W. At 8 am. shook reefs out of topsls & foresail and set topgallant sails and staysail. Went to quarters at 9½ inspected crew and exercised marines and 1st Div at small arms 2nd div. small arms 3rd div great guns At 4.30 shook reefs out of topsails & set sails and took in reefs again took in main trysail. (Barometer gradually rising)

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	6	E.S.E.	NE×N	4											
2	5	5	"	NNE	4											Single reefed topsails topgal & trysl & jib & topmast stunsail
3	6	0	SE × ½E	N.E.	4											
4	6	5	E.S.E.	NE×N	4		30.20	64	57	54		o.c.g.	Nim	0	M	
5	6	0	"	"	5											
6	5	6	SE×E½E	"	5											
7	5	2	"	"	5											Shook reefs out of topsails
8	5	0	SE ½E	NE×E	5		30.25	75	59	56		o.c.g.p.	Nim	0	M	
9	6	0	SE×S	E.N.E.	5											
10	4	4	SE ½S	"	5											
11	5	0	SE×S	"	5											
12	4	6	SE×E½E	N.E.	5		30.27	70	60	55		o.c.g.	Nim	0	M	

Lat. by D. R. 34° 40'- 00" N

Long. by D. R. 32° 57'- 00" W

Lat. by Obs. - - -

Long by Obs. - - -

Dist. per Log, 95. Knots

Rate of Current,

Set " "

Variation of Compass, 21° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	SE×E	NE	5											
2	4	0	"	"	5											Same
3	5	4	S.E.	"	5											Took in topgallant sails
4	6	0	SE ½E	"	5		30.25	66	60	55		o.c.g.	Nim	0	R	
5	4	0	S.E.	"	6											
6	3	5	SE×S	E.N.E.	5											Single reefed topsails
7	5	0	SE ½S	"	5											
8	5	8	SSE ¾E	E×N	6		30.28	65	60	55		c.g.	Nim	4	M	
9	5	4	SSE ½E	"	5											
10	5	8	SE×S	"	5											
11	5	6	"	"	5											
12	6	0	"	"	5		30.22	65	60	55		o.c.g.	Nim	0	M	

REMARKS:

January 27th 187

Generally pleasant with light showers & squalls during day varying breeze from N^w to E^a. Broke out fore hold and cleared bilges & after which the hold was restowed. The forward bilge pumps were examined and found to be in good order. Passed a British steamer heading westward and made our international name answer to her number. At 3 P.M. took in and furled topgallant sails. Mustered at quarters at 4.30 and at 4.50 reefed topsails.

Barometer about steady at 30.25-

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	2	SSE½E	E×N	1											
2	6	0	SE ½E	"	2											Same
3	5	0	S.S.E.	"	3											
4	3/1	0	"	"	4		30.23	68	59	56		F.C.	Cirrus	3	M	
5	4	0	N.N.W.	N E×E	3											
6	2	0	S×E½E	E	3											
7	4	5	S×E	"	3											Sloop ref on t sail
8	5	0	"	"	3		30.26	68	59	54		F.C.	Cum	6	M	
9	4	2	"	E×S	3											
10	3	8	S×E½E	E	3											
11	2	6	"	"	2											
12	1	6	"	"	2		30.26	67	60	54		F.C.	Cum	8	M	

Lat. by D. R. 33°.44.42" N
Long. by D. R. 31°.34.30 W
Lat. by Obs. 33.23.28 N
Long by Obs. 81-09-30 W

Dist. per Log, 111 Knots
Rate of Current,
Set " "
Variation of Compass, 2° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	0	S.S.E.	E	1											
2		5	"	"	1											
3		4	"	"	1											
4		4	"	"	1		30.18	61	61	54		Fc	Cum	9	S	
5	No	steerage way			0											
6		"			0											
7		"			0											
8	1	5	E.S.E.	SW	10			65	62	65		F		10	S	
9		6	E×S	W×S	1		30.20									
10	1	4	"	SW×W	1											
11	2	8	"	S.W.	2											
12	4	0	"	"	8		30.19		62	55		b.c.	Cirrus	7	S	

REMARKS:

January 28th 1882

The weather was clear and pleasant during the day with light wind from the N^a & E^a. In morning Watch Sighted a Spar on port bow and a sail two points abaft port beam Shook reefs out of topsails and set topsls and hoisted the jib at daylight After Evening quarters took a single reef in the topsails and reset the topgallant sails.

LOG OF U. S. S. Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	6	E×S	S.W.	6											Single reef topsails topsails jib forsail stays'l
2	6	4	"	"	4											
3	7	2	"	"	5											
4	7	0	"	"	5		30.5-6	65	5-2	57		Cr.	Cumstrat	0	S	
5	7	6	"	"	5											Shook reefs out of tops.
6	8	0	"	"	5											
7	9	0	"	"	5											
8	9	5	"	"	5		30.08	64	64	59		Cr.	Cistrat	5	S	
9	8	0	"	S.W.×W	5											Set royals + port F.t. Studsls
10	6	5	"	W.S.W.	5											
11	6	5	E.S.E.	W.N.W.	5											
12	6	5	"	N.W.	5-6		30.07	65	65	59		Cr.	Nim	1	S	

Lat. by D. R. 33°. 23'. 48" N

Long. by D. R. 29°. 12'. 00" W

Lat. by Obs. 33° 36° 04" N

Long by Obs. 29. 07. 30 W

Dist. per Log, 105 Knots

Rate of Current,

Set " "

Variation of Compass, 21° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	0	ESE	N.W.	5											
2	8	6	"	N.N.W.	6											
3	8	4	"	"	6											
4	7	5	"	N.W.	5		30.11	65	63	57		Fr.	St Nim	4	M	
5	7	2	"	N.N.W.	5											
6	6	4	"	"	4											
7	6	2	"	"	4											
8	6	4	"	N.W.	4		30.20	68	63	56		O.c.	Cum Nim	0	M	
9	6	5	"	"	4											Single reefed topsails foresail & topstaysl.
10	8	0	"	"	4											" Stun sl.
11	8	0	"	"	4											
12	8	0	"	"	4		30.23	67	63	57		Cr.	Cir	8	M	

REMARKS:

January 29th 1872

Clear and pleasant during the day with occasional passing showers. Shook the reefs out of the topsails and made sail to royals with starboard topgalt. Studsls. The wind shifting to port quarter when the port studsl was set instead of the starboard one. At Eleven o'clock changed course to E S E By order of the Commanding Officer.

LOG OF U. S. S Essex 3rd Rate Commanded by Comdr A H McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	9	0	E.S.E.	N.N.W.	6											
2	7	4	"	"	6											Single reefs in topsails topgals + topmast stuns'ls
3	7	0	"	"	6											
4	7	4	"	"	6		30.24	67	62	56		Fog.	strat-nim	2	M	
5	7	0	"	N × W	5											Took in stuns'ls at 2 30
6	6	0	"	"	5											Set topmast " " 2 30
7	6	0	"	"	5											
8	6	4	"	"	4		30.30	69	60	54		Fog.	Cir-strat	6	M	Reefs out of topsails and set Royals + flying jib
9	7	0	"	"	4											
10	7	0	"	"	3											
11	6	5-	"	"	3											
12	5-	4	"	"	3		30.34	67	62	55-		Fog.	Cirst.	6	L	

Lat. by D. R. 33°. 27'. 42" N

Long. by D. R. 25-. 50. 00 W

Lat. by Obs. 33 . 18. 00 N

Long by Obs. 25- . 45- 45- W

Dist. per Log, 172.1 Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	5-	E.S.E.	N.N.W.	3											
2	7	0	E S E ½ E	N	3											Took in topsails + topmast stuns'ls
3	6	5-	"	N.N.E.	3											
4	7	0	"	"	3		30.31	64	60	54		Fog.	Cir	8	L	
5	6	4	"	N E × N	3											Took, ruf in topsls
6	5-	6	"	N.N.E.	4											
7	4	8	"	"	4											
8	4	4	"	"	4		30.36	66	62	55-		Fog.	Cim	8	L	
9	4	0	"	"	3											
10	3	6	"	"	3											
11	4	0	"	"	3											
12	4	5-	"	"	3		30.29	70	62	55-		Fog.	Cu Cum	6	L	

REMARKS:

January 30th 1862

Weather generally pleasant shook reefs out of topsails at daylight. Heavy swell from the N.a + W.a. General Quarters were suspended on account of the swell. At two o'clock took in Studdingsails and braced up by starboard braces. The barometer slowly falling. The signal officer received instruction in the international Code of Signals.

LOG OF U. S. S. Essex 3rd Rate Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	5	ESE½E	NNE	3	1										
2	4	5	"	"	3											Plain sail with single reefed topsails
3	4	5	"	"	3											
4	5	5	"	"	3		30.38	66	62	58		Fr.	ai nim	3	L	
5	5	0	"	"	3											
6	6	0	NExN	NExN	3											
7	6	0	"	"	3											Shook reefs out of topsails and set royals + flying jib
8	5	0	NExE	NExE	4		30.44	69	64	56		Cr.	cum nim	0	L	
9	4	2	NExN	"	3											
10	4	2	"	"	3											
11	5	0	"	"	3											
12	5	0	NNE	NNE	3		30.42	70	62	56		Fr.	cum nim	1	L	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	4	ExS	NNE.	3											
2	5	0	"	"	3											
3	3	2	"	"	3											
4	4	0	"	"	3		30.42	66	62	56		Fr.	ar cu	5	S	
5	4	0	E.S.E.	NExN	3											
6	4	0	ESE½E	"	3											Single reefed in topsails Jackn royals Stowed flying jib
7	4	6	"	"	4											
8	4	8	"	"	4	½	30.46	68	62	54		Fr.	ar nim	1	S	
9	4	6	SExE	NExE	4	½										
10	4	6	SExSE½E	"	4	½										
11	5	2	ESE.	NE.	4	½										
12	5	6	ExS	NExN	4	½	30.42	68	61	56		Fr.	cum nim	9	S	

REMARKS:

January 31st 187

Clear and pleasant weather with moderate Breeze from the N^a + E^d. Shook reefs out of Topsails and set royals and flying jib at 6 A.M. went to quarters at 9.30 and Exercised the divisions as follows. 1st. great guns. 2nd Sight Shifts 3rd Small arms and Marines Small arms.

Appd A. H. McCormick
Commodore Commdg

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	ESE ½ E	N.N.E.	3											
2	4	5	E.S.E.	N.E.	4											Same
3	4	5	SE×E	NE×E	4											
4	4	5	SE×E ½ E	"	4		30.37	65	61	56		Cl.	Ci Cum	6	S	
5	4	5	SE	E.N.E.	3	1										Same
6	5	5	SE×E	NE×E	3	1										
7	5	0	SE ½ E	"	3	1										
8	5	5	SE ½ S	N.E.	4	1	30.42	66	61	56		Cl.	Ci Cum	9	S	Shook reef out of topsails + set Royals + flying jib
9	5	5	SSE ½ E	E×N	4	1/4										
10	5	4	SSE ¾ E	"	4	1/4										
11	5	4	SE×S	"	4	1/4										
12	4	0	SE ½ S	E.N.E.	4	1/4	30.40	65	62	58		Cl.	Ci Cum	9	S	

Lat. by D. R. 32° 30' N

Long. by D. R. 21° 27' W

Lat. by Obs. 02 ÷ 28' N

Long by Obs. 21 - 27' W

Dist. per Log, 110.8 Knots

Rate of Current,

Set " "

Variation of Compass, 22 - 30

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	0	SE	ENE	8	½										
2	4	8	SE ½ E	NE×E	3	½										
3	3	6	SE×S	E×N	3	½										Braided up main trysail
4	3	0	SE	ENE	2	½	30.31	65	61	55		Cl.	Cum	7	S	
5	4	5	"	"	8	½										
6	3		"	"	3	1										
7	3	5	"	"	3	1										
8	4	0	"	"	3	½	30.37	66	60	55		Cl.	Cum	4	S	Single reefed topsail furled royals
9	4	5	SE ½ S	"	3	½										
10	4	5	ESE	NE	3	½										
11	4	5	SE	ENE	0	½										
12	4	0	SE×S	N×E	3	½	30.39	65	60	54		Cl.	Cum	0	S	

REMARKS:

February 1st 1872

Weather clear and pleasant with light breze from the N^a & E^a At 9.15 Beat to quarters inspected clothing and made out divisional clothing lists. Scrubbed & oiled copper of both launches After evening quarters single reefed topsails time 1.45^m

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	5-	SE ÷ S	NE	4	1/2										
2	4	6	S E x S	E x N	4	1/2										Plain sail to topsails single reef in topsails
3	4	0	S E ÷ S	E.N.E.	4	1/2										
4	3	2	S E x S	"	3	1/2	30.30	65	60	54		O.C.	Ci Cum	0	M	
5	3	2	S.S.E.	"	3											
6	3	2	"	"	3											All plain Ex cept spanker
7	4	5-	"	"	3											
8	4	0	E.S.E.	"	0		30.38	66	60	57		O.C.R.	Nim	2	S	
9	2	0	"	NE	1	1										
10	1	5-	S E x E ÷ E	"	1	1										Took in light sails
11	2	0	"	"	1	1										Set light sails
12	1	8	"	"	1	1	30.34	65-	64	58		B.C.	Ci Nim	2	S	took in mainsail

Lat. by D. R. 31° 41' 15" N

Long. by D. R. 20° 02' 00"

Lat. by Obs. 31° 32' 38"

Long by Obs. 19° 57' 30"

Dist. per Log, 87. 5- 1 knots

Rate of Current,

Set " "

Variation of Compass, 21° 5- W.

1	3	0	S.E.	E.N.E.	2											
2	3	0	"	"	2											
3	1	5-	S x E	E	2											
4	3	5-	N E x N	E x S	3		30.31	65-	63	59		B.C.P.	Nim	2	S	
5	3	6	N.N.E.	"	3											Took single reef in topsails
6	1	0	"	"	1											Furled royals & flying jib
7	1	5	E x N	S.S.E.	1											
8	1	0	S	Variable	1		30.34	68	61	59		B.C.	Ci Nim	3	S	
9	2	0	N E ÷ N	E.S.E.	1	1										Set spanker
10	2	0	N.E.	"	1	1										
11	0	0	N E ÷ E	"	2	1										
12	3	5-	N.E.	"	2	1	30.29	70	62	57		B.C.	Ci Nim	8	S	

REMARKS:

February 2nd 1872

Weather cloudy but pleasant. Rain in afternoon. At quarters Exercised at routine drills. Two sails were sighted. in the afternoon a Brig Barque was sighted bearing down before the wind she passed close under our stern, then ship being hove to with the main topsl. to the mast and exchanged her longitude with us and saluted. After evening quarters took a single reef in the topsails & furled royals & flying jib.

LOG OF U. S. S. "Essex" Commanded by Comdr A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	8	NE½N	ESE	4											
2	3	5	NE×N	"	4											All plain sail except M. sail.
3	3	0	NE½E	SE×S	4											
4	3	2	NE½N	"	4		30.29	65	61	56		Fair	Cu Nim	5	S	
5	3	0	N.E.	"	4											
6	3	5	NE½N	E.S.E.	4											
7	3	2	NE×N	"	4											Took in Spanker
8	3	3	NE½N	"	4		30.31	65	62	57		Fair	Cu Strat	7	S	
9	3	0	NE×N	"	2											
10	3	0	"	"	2											
11	4	5	NE×E	"	4											
12	5	2	"	"	4		30.33	68	62	59		Fair	Cir Cum	4	L	All plain sail

Lat. by D. R. 32° 22'. 5-6" N

Long. by D. R. 19° 88'. 00" W

Lat. by Obs. 32° 27' 09" N

Long by Obs. 19° 37' 30" W

Dist. per Log, 70 miles 6 tenths

Rate of Current,

Set " "

Variation of Compass, 22° 10' W.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	5	NE½E	ESE	4	½										
2	4	5	NE	"	4	½										
3	4	5	NE½E	"	4	½										"
4	3	5	ENE	E.	3		30.27	65	62	58	62	Fair	Cum Ci	3	S	
5	2	0	E×S	S	1											
6	2	4	NE×E½E	S.E.	1	¼										
7	3	2	NE×E	"	3	½										
8	3	2	NE½E	SE×S	3	½	30.31	69	62	58	64	Fair	Cum Ci	4	S	"
9	3	2	NE	"	3											
10	3	2	NE×E	"	3											
11	2	0	"	"	2											
12	5	0	"	"	2		30.32	66	62	58	65	Fair	Cir	7	S	

REMARKS:

February 3rd 1892

At daylight, shook out reefs in topsls and made all plain sail to royals Excpt the mainsail. At 9.35 Exercised at fire quarters Passed a ship on our starboard beam with her fore topgallant mast carried away. At 11.45 P.M. the fire alarm was sounded and all divisions were reported ready in 3 minutes. Weather clear and pleasant with moderate winds from Southward & Eastward.

LOG OF U. S. S. "Essex" 3rd Rate Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5	E.N.E.	S E	1	0										
2	2	0	E×N	S E×S	1	0										All plain sail but mainsail
3	3	0	N E×E½E	S.E.	2	0										
4	1	5	N E×E¾E	"	1	0	30.26	66	62	68	63	b.c.	cum	6	S	
5	1	8	E×N	S S.E.	1	¼										
6	1	6	E	"	1	¼										Took in spanker
7	1	5	"	"	1	¼										
8	1	0	"	"	1	¼	30.33	66	62	57	64	b.c.	cum	5	S	
9	1	2	E×N	"	1	0										
10	1	0	"	"	1	0										
11	3	0	E.S.E.	"	1	0										Shortened & furled sail
12	6	8	"	"	1	0	30.22	66	64	59	64	b.c.	cir	2	S	Steam ahead

Lat. by D. R. 33° 06' 57" N

Long. by D. R. 18° 40' 22" W

Lat. by Obs. 33° 13' 07" N

Long by Obs. 18° 36' 30" W

Dist. per Log, 65.1 Knots

Rate of Current,

Set " "

Variation of Compass, 21° 30' W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	8	S E×E½E	S.S.E.	1											
2	5	0	S E½E	"	1											
3	5	0	"	"	1											
4	6	4	"	"	1		30.30	66	64	58	65	b.c.	cir	6	S	
5	6	0	"	"	1											
6	6	0	"	"	1											Steam
7	6	6	"	"	1											
8	6	0	"	"	1		30.35	67	62	57	65	b.c.	cir strat	8	S	
9	3½	9														
		0	S×E	"	1											
10	3	4	"	"	1											
11	3	2	"	"	1											
12	3	2	"	"	1		30.35	67	63	57	64	b.c.m.	cir strat	8	S	
	0	2	S E×E													

REMARKS:

Saturday Feb 4th 1882

Weather mild & warm light breeze from Southward & Eastward In the morning watch steam was raised in the four after boilers and at 10.20 A.M. started ahead under steam, Sail being furled, the course was E S E for Madeira. Four vessels of war supposed to be Dutch training squadron were seen in the afternoon on the port bow. Bent and fitted both bower chains. Sighted the Island of Madeira towards evening kept ahead. At 8.28 P.M. the engines had to be stopped on account of an accident to water valve of low pressure cylinder. Started again at half past nine, Point Freitas bearing abeam.

LOG OF U. S. S. Essex Commanded by Commdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	SE×E	E×S	2											
2	5	2	SE½E	"	2											Steam
3	5	0	"	"	2											
4	0	0	—	"	2		30.26	65-	61	57	65-	F.C.	Ci	4	S	Stopped Engines
5	0	0	—	"	2											
6	0	0	—	"	2											
7	7	2	Standing in to another													
8	at Anchor						30.32	67	61	55	63	F.C.	Ci Cum	8	S	
9	"			E×S	2											
10	"			"	2											
11	"			"	2											
12	"			"	1		30.33	67	65-59		68	F.C.	Ci Cum	4	S	

Lat. by D. R.

Long. by D. R. Funchal Madeira

Lat. by Obs.

Long by Obs.

Dist. per Log, 84.1 Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Ancha			S.W.	1											
2	"			Variable	1											
3	"			S.E.	1											
4	"			"	1		30.30	70	67	60	63	F.C.	Ci	8	S	
5	"			Calm	0											
6	"		E×S	S.E.	1											
7	"		"	"	1											
8	"		"	"	1		30.35	69	65-	58	63	F.C	Ci Strat	7	S	
9	"		N	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.34	70	60	55-	63	F.C.	Ci St.	8	S	

REMARKS:

187

Steamed along the Southern side of the island during the night the land being between fifteen & twenty miles off. at 345- A.M. Stopped Engines off the harbor of Funchal At 6.20 Started ahead and came to anchor in 18 fathoms of water and 45- fathoms of chain. Banked fires

Weather Clear and pleasant with light airs from the S.W. & E.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N	S.E.	1											
2			"	"	1											
3			"	"	2											
4			N×E	"	2		30.34	66	63	58		b.c	clr	5	S	
5			N.N.E.	"	2											
6			"	"	2											
7			"	"	1											
8			"	"	1		30.33	62	58	56		Bia	Cir	9	S	
9			S E	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.36	65	65	59		Bia	Cir	9	S	

Lat. by D. R.

Long. by D. R. Funchal

Lat. by Obs.

Long by Obs. Madeira

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.S.E.	E.N.E.	1											
2			"	"	1											
3			"	"	1											
4			S E	E	2		30.32	68	65	59		b.c.	Cum	8	S	
5			"	"	1											
6			"	"	1											
7			E	"	1											
8			"	"	1		30.30	70	62	57		b.c.	Cum	7	S	
9			"	"	1											
10			"	N.N.E.	2											
11			N.E.	"	3											
12			"	N	2		30.32	65	62	58		b.c.	Cum-nim	1	S	

REMARKS:

Febuary 6th 1892

Scrubbed hammocks and painted ship outside, set up rigging. The Commanding Office left the ship in the forenoon to pay an official visit

Weather clear and pleasant, with light breeze and smooth sea.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S.S.W.	W.S.W.	2											
2			"	W	2											
3			S.W.	"	2											
4			"	"	1		30.23	65	63	59		o.c.	Cu Cum	0	8	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			"	"	1		30.32	66	64	58		o.c.	Nim	0	8	
9			"	"	1											
10			"	"	3											
11			W.S.W.	W.N.W.	2											
12			"	W.S.W.	3		30.19	68	67	61		o.c.	Nim	0	8	

Lat. by D. R.

Long. by D. R. Funchal

Lat. by Obs. Madeira

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W.S.W.	W	5											
2			"	"	5											
3			"	"	3											
4			S.S.W.	S.E.	2		30.13	65	62	59		o.c.	Cu Nim	0	8	
5			S.W.	"	1											
6			"	"	1											
7			"	N.W.	1											
8			"	"	1		30.20	68	68	58		o.c.	Cu Nim	7	8	
9			N.W.	N	1											
10			"	"	1											
11			"	"	1											
12			N.N.W.	"	1		30.34	68	58	53		o.c.	Cu Nim	5	8	

REMARKS:

February 7th 1892

Weather overcast and raining Long swell from S.E. Made preparations for coaling ship and at 6.30 two coal lighters came along side and discharged twenty tons of coal into the ships bunkers. The British mail steamer Southward bound put to sea at two o'clock. The wind blowing strong into the harbor secured guns and boats for sea and spread fires. A mail steamer anchored in harbor about 10 P.M.

LOG OF U. S. S. Essex Commanded by Commdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	N.W.	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.26	66	65	58		F.C.	Ci	9	S	
5			W.N.W.	"	2											
6			N		2											
7			N.E.	N.E.	1											
8			"	"	1		30.33	68	62	57		FC	Ci	10	S	
9			S.W.	W.S.W.	1											
10			W	W	1											
11			"	"	1											
12			"	"	1		30.36	64	59	54		F.C	Ci	9	S	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			W	W	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.33	66	65	58		F.	Ci	9	S	
5			"	"	2											
6			W.N.W.	"	2											
7			"	"	2											
8			"	"	1		30.40	68	62	57		F	—	10	S	
9			N.N.W.	"	1											
10			"	"	2											
11			"	N.N.W.	2											
12			"	"	2		30.40	64	59	54		F.C	Ci	9	S	

REMARKS:

February 8th 1862

Weather clear and pleasant, with Bright moonlight in the Early Morning wind very light all day Sea smooth. At 9.30 A.M. Mustered & inspected Crew at quarters.

LOG OF U. S. S. Essex Commanded by Commdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NNW	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.36	65	58	52		Fc	Cir	8	8	
5			"	"	1											
6			N	N	2											
7			"	"	2											
8			NNW.	NW.	2		30.40	65	69	57		Fc.	Cir	7	8	
9			"	"	2											
10			"	"	2											
11			"	"	2											
12			NNW.	WNW.	2		30.43	64	64	56		Fc	Cir	6	8	

Lat. by D. R.

Long. by D. R. Funchal

Lat. by Obs. Madeira

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			NNW.	WNW.	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.37	64	64	56		Fc.	cir	6	8	
5			"	"	3											
6			"	"	2											
7			"	"	2											
8			"	"	2		30.42	69	63	57		Fc.	cir	7	8	
9			"	"	3											
10			"	"	3											
11			"	"	2											
12			"	"	3		30.43	67	62	57		Fc.	cir	6	8	

REMARKS:

February 9th 1882

Weather clear and cool, moderate breeze from the northward and westward. Bright moonlight in the early morning. The fires were banked during the day distilling going on. At quarters exercising at routine drills. Charles Arndorff who broke his leg on Jan 10th was sent to the Hospital on shore.

LOG OF U. S. S. "Essex" Commanded by Commander A. H. McComb.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	WNW	2											
2			"	"	2											
3			"	N.N.W.	2											
4			WNW	"	3		30.44	66	60	57		F.C.	ci	6	S	
5			"	"	2											
6			"	"	1											
7			NW	"	2											
8			"	N	2		30.50	65	64	57		F.C.	ci	9	S	
9			"	W.SW.	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.56	65	65	57		F.C.	ci	9	S	

Lat. by D. R. Funchal

Long. by D. R. Madeira

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			W	W.S.W.	1											
2			"	"	1											
3			WSW	"	1											
4			"	"	1		30.55	68	67	59		F.C.	ci	9	S	
5			S	S	1											
6			S.E.	E	2											
7			"	"	1											
8			"	"	1		30.54	67	62	56		F.C.	ci	7	S	
9			N	"	1											
10			"	"	2											
11			"	"	2											
12			"	"	3		30.57	65	59	55		F.C.	ci	7	S	

REMARKS:

February 10th 1872

Clear and pleasant with light airs and occasional showers from S.a & W.a James Nolan was confined for three days on bread & water. Beat to general quarters at 9.30 and all divisions were reported by 9.34. Secured 10.10 Broke out fore hook and hold & cleaned bilges. P.M. Steam C. Top. Daniel McKinnon, Sea., John Thompson, Sea., and Private Fitzpatrick were put in double irons, for safe keeping, being drunk & disorderly H.B.M. Corvette Algerine came in and anchored scraped spars and secured booms & boats for sea.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1																
2	At Anchor			N												
3				N × W												
4				NNW			30.6-1	68	67	53		Fr.	ai. st:	3	8	
5				N × W												
6				"												
7				"												
8				"			30.5-2	62	61	55-		Fr.	ar. st-	3	S	
9				"												
10	4	0	S × W	W.N.W.												
11	8	0	W S W	W.S.W.												
12	7	0	S × W	W			30.6-	65-	64	65-	65-	Fr.	ci st.	3	S	

Lat. by D. R. 32°. 17'. 16" N

Long. by D. R. 16. 49. 39 W

Lat. by Obs.

Long by Obs.

Dist. per Log, 19 Knots

Rate of Current,

Set " "

Variation of Compass,

1	1	6-	S ½ W	W × S	1											All plain and Carpenters.
2	1	5-	"	"	1											
3	1	0	"	"	1											
4		5-	S.W.	W.N.W.	1		30.5-8	65-	64	54	65-	Fr.	Cum	2	S	
5	1	3	"	"	1											
6	2	0	S × W	"	1											
7	3	0	"	N.E.	1											
8	1	3	"	N × E.	1		30.5-6	66-	62	58-	64	Fr.	ci strat	4	L	
9	3	4	"	N E	2											
10	3	5-	"	E × S	2											
11	2	0	"	"	2											
12	2	0	"	"	2		30.5-6	65-	60	58-	64	Fr.	ci strat	9	L	

REMARKS:

February 11th 1872

Weather clear and pleasant light airs from Northward, made preparations for sea and spread fires at 8 a.m. At 8.30 called "all hands up anchor" At 9.27 took departure Los Rock bearing P.C. N E/4 E Gorgonia Island, West end, bearing N W × W 3/4 W S.H. S × W. Set Course S × W allowed fires to go down at 11.30 stopped engine & banked fires. Made sail to royals. By order of Comdg. Off. James Nolan was released and reconfined for one day Private Fitz Patrick was released. P.M. Shahan (C. Top) Danl McKinnon (Seaman) & John Thompson (Seaman) were put in double irons to await trial by court martial L. F. Shuman was made a prisoner at large Musicians at quarters at 4.45-

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5	S x W	N.N.E.	2											
2	1	0	"	"	1											
3	1	0	"	"	1											All plain sail
4	2	0	"	"	1		30.00	65	60	54	64	Fr.	cir cum	1	8	
5	2	2	"	"	2											
6	2	5	"	"	2											Fore topmast & fore & main
7	3	0	"	N.E.	2											topgallant studsails
8	2	6	"	"	1		30.54	64	63	58	64	Fr.	cir	9	8	(Port)
9	2	6	"	"	1											
10	3	0	"	"	2											
11	3	2	S 3/4 E	"	2											
12	4	4	"	"	2		30.54	64	63	58	64	Fr.	cir	9	8	

Lat. by D. R. 31° 28' 34" N

Long. by D. R. 16° 35' 37" W

Lat. by Obs. 31° 30' 49" N

Long by Obs. 16° 38' 00" W

Dist. per Log, 8-2 Knots

Rate of Current,

Set " "

Variation of Compass, 20 W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	5-0	S 3/4 E S 88 W	N.N.E.	2											Starboard fore & main &
2	4	8	"	E.N.E.	2											fore topmast studsail.
3	4	4	"	"	2											Took in & reef port studd
4	4	4	"	"	2		30.48	64	62	58	64	Fr.	cir min	6	8	
5	4	0	"	E	2											Took in studdingsails
6	3	0	"	"	2											
7	3	8	"	"	3											Took in royals & trysails
8	4	4	"	"	3		30.50	67	63	59	65	Fr.	cir min	5	8	
9	5	0	"	"	4											Took in forecast & single
10	5	0	"	"	4											reefed the topsails
11	5	0	"	"	5											Clewed down topsails
12	4	8	"	"	5		30.46	65	62	58	64	Fr.	cir min	3	8	

REMARKS:

February 12th 1872

Clear & pleasant during forenoon but cloudy & raining in the afternoon. Several vessels in sight during the day quarters & 9.30 Comdg. Officer inspected. At. 10 changed course to S 3/4 E. Relieved James Nolan. Passed British steamer heading to the Northward.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	5-	SSW	E.N.E.	5-											
2	4	5-	"	"	5-											Single reefed topsails on Cap.
3	4	0	"	"	5-											
4	4	2	"	"	5-		30.40	65-	61	56	64	Bc.cp.	Nim	8	8	
5	4	5-	"	"	5-											
6	4	8	"	E×N	5-											
7	4	5-	"	E	5-											
8	5-	0	6	"	5-		30.40	65-	62	58	64	Cum	Nim	1	M	Hoisted reefed topsails Set foresail & fore topmast stunsail & took in jib
9	5	6	S×E	"	5-											
10	5	6	S.S.E.	"	4	1										
11	4	0	"	"	4	1										
12	4	0	"	"	5-	1	30.43	65-	68	58	64	Bc	Cumin	1	M	

Lat. by D. R. 29° 48' 18" N

Long. by D. R. 16° 30' 00" W

Lat. by Obs. 29 . 39 . 26" N

Long by Obs. 16 . 50 . 00 W

Dist. per Log, 105.1 Knots

Rate of Current,

Set " "

Variation of Compass, 21° 40' W

1	4	6	S.S.E.	E×N	5-											
2	2	0	SSE÷E	"	4											
3	4	2	"	"	4											
4	4	8	"	"	4		30.32	65-	63	59	65-	Bc	Cum	2	M	
5	4	6	"	E.N.E.	4											
6	4	8	"	"	4											
7	4	5-	"	"	5-	1										
8	4		"	E×N	5-	1	30.34	65-	63	58	65-	Bc.	Cum	3	M	
9	4	8	"	"	5-	½										
10	4	0	"	"	5-	½										Took in foresail
11	3	7	"	"	5-	½										
12	3	0	"	"	5-	½	30.37	65	63	58	64	Bc.	Cum	4	M	

REMARKS:

February 13th 1872

Clear & pleasant with stiff breeze from N.E & E.a ship rolling deep. At 2.30 passed a steamer astern heading W.S.W. At 7.45 hoisted single reefed topsails and at 8 changed course to South. Hauled to S×E at 8.30 and S.S.E. at 8.40. Set foresail, hauled down jib & set fore topmast stunsail. Went to quarters at 9 A.M. & Exercised according to routine

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	2	SSE½E	ExN	4											
2	2	4	"	"	3											Single reefed topsails
3	2	8	"	"	3											trysail & fore topmast-
4	3	4	"	"	3		30.32	64	64	58	64	Fog.	cir nim	6	M.	staysail
5	4	2	SSW.	"	4											
6	3	0	SW	"	3											
7	1	0	SExE SWxW	ESE.	3											
8	3	6	"	"	3		30.32	65	63	59	64	Fog.	cir cum	6	M	
9	2	0	SSE½E	ExN	3											Clew up foresail
10	2	5	SSE.	"	3											
11	1	5	"	"	3											
12	1	0	"	"	3		30.31	65	59	59	65	Fr.	cir cum	9	M	

Lat. by D. R.

Long. by D. R. Santa Cruz de Tenerife

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	At Anchor		ExN	3											Furled sail & steamed
2	Santa Cruz	ExS	"	3											
3		"	"	3											
4		"	"	3	30.30	66	66	60	65	Fr.	cir cum	8	M		
5		"	"	2											
6		"	"	2											
7		"	"	2											
8		"	"	2	30.25	69	65	59		Fr.	cir	7	M		
9		"	"	2											
10		E	"	2											
11		"	"	2											
12		"	"	2	30.37	65	62	56		F	—	10	M		

REMARKS:

February 14th 1892

Cloudy & cool with light drizzling rain during the mid watch but clear & warm during the day. Light to moderate breze from the Eastward. At daylight sighted the Eastern end of Teneriffe Island. Turned the Engine over and carried away two stud bolts on connecting rod spent remainder of the forenoon in repairing the damage. The fires were banked at 8.20 hauled by the wind on the port tack. At quarters Exercised crew according to routine

Started the Engine at 12.15 p, Shortened & furled sail, and stood for Santa Cruz Came to anchor at 1.45 p in 20 fathoms of water and veered to 60 fathoms of port cable. Bearing from Anchorage Centre Fort N.W. ¼ W Santa Cruz. light S.W.xW Banked fires at sunset Sent down Royal yards.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor			N.E.	1											
2	Santa Cruz			E	2											
3	"		NNE	"	2											
4	"		E	"	1		30.36	65	62	57		b		10	8	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.40	66	63	59		b.c.	ci	8	8	
9	"		"	"	1											
10	"		E.S.E.	E.N.E.	2											
11	"		"	S.E.	2											
12	"		"	"	2		30.41	64	66	60		b.c.	ci	9	8	

Lat. by D. R.

Long. by D. R. Santa Cruz de Tenerife

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor		E	E	3											
2	Santa Cruz		"	"	3											
3			"	"	3											
4			"	"	3		30.40	67	65	60		b.	ci	9	8	
5			"	"	3											
6			"	"	3											
7			"	"	2											
8			"	"	2		30.42	67	64	59		b.	ci	8	8	
9			"	"	2											
10			N.E.	"	2											
11			"	"	2											
12			"	N.E.	2		30.45	66	65	58		b.c.	ci	9	8	

REMARKS:

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Light breeze from the N^a + E^a weather being clear + pleasant at 9.30 went to general quarters all divisions ready at 9.38 secured at 9.55. The day was spent in setting up the Mizzen rigging and Slacking down backstays.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick. Usn.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor		E	E	3											
2	Santa Cruz		"	"	3											
3	"		"	"	3											
4	"		"	"	3		30.46	65	60	57		B.C.	Cum	6	2	
5	"		"	"	3											
6	"		"	"	3											
7	"		"	"	2											
8	"		"	"	2		30.44	67	60	57		B.C.	Cir	9	2	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.44	66	65	57		B.C.	Cir	8	2	

Lat. by D. R.

Long. by D. R. Santa Cruz de Tenerife

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	"		E S.E.	S.E.	2											
2	"		"	E S.E.	2											
3	"		"	"	2											
4	"		"	"	3		30.40	64	65	58		B.C.	Cir	8	2	
5	"		E	"	0											
6	"		"	E	3											
7	"		"	"	3											
8	"		"	"	3		30.40	68	65	58		B.C.	Cir Cum	8	2	
9	"		"	"	3											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	1		30.41	66	63	57		B.C.	Cir Cum	8	2	

REMARKS:

February 16 th 1872

Weather clear + pleasant with a light to moderate breeze from the Eastward, Barometer about steady at 30.40

Went to quarters at 9.30 for time exercises.

At 1.15 received an official visit from an aide-de-camp of the Captain General of the Islands and also from the captain of the port.

LOG OF U. S. S. Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Santa		E	E	2											
2	Cruz		"	"	2											
3			"	"	2											
4			"	"	2											
5			"	"	2		30.40	65	68	59		F.C.	Nim	2	L	
6			"	"	2											
7			"	"	2											
8			"	"	2		30.39	65	68	59		F.C.	Cum St	3	L	
9			"	"	2											
10			"	"	2											
11			"	"	2											
12			"	"	2		30.41	69	64	59		F.C.	Cir		S	

Lat. by D. R.

Long. by D. R.

Lat, by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			E x N	E	2											
2			"	"	3											
3			"	"	3											
4			"	"	2		3036	65	68	58		F.C.	Cir	8	S	
5			"	"	2											
6			"	"	2											
7			"	"	2											
8			"	"	2		0041	69	63	57		F.C.	Cir	6	L	
9			"	"	2											
10			"	"	2											
11			N E	N E	2											
12			"	"	2		8036	66	63	57		F	—	10	L	

REMARKS:

February 17 1872

Clear & pleasant weather with light breeze from E^a. at quarter exercising at gunnery. Getting on stores and preparing to go to sea. Sent mail ashore at 1.30. Henry Gilbert (S M Mate) was put in solitary confinement on bread & water for five days for drinking Shellac on board ship.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At	Anchor	NE	NE	1											
2	Santa	Cruz	"	"	1											
3			"	"	1											
4			"	"	1		30.35-	65-	62	60		V.C.	Nim	2	5	
5			"	"	1											
6			"	"	1											
7			"	"	1											Lopsle, topsls, foresail, + jib
8	6	0	SSW.	SSE.	2		30.38	65-	64	59		V.C.	Nim	8	2	
9	5	5-	SW.	"	3											
10	4	0	"	E	3											
11	4	6	"	"	3											
12	4	5-	"	"	3		30.39	69	67	66	66	V.C.	Nim	8	2	

Lat. by D. R. 25° 2' .4 N

Long. by D. R. 16° 20' 0 W

Lat. by Obs.

Long by Obs.

Dist. per Log, 26 knots

Rate of Current,

Set " "

Variation of Compass,

1	4	2	SW.	E	3											
2	4	4	"	"	3											All plain sail ex. aft Spanker + flying jib
3	2	0	"	SE.	1											
4	1	1	SW:W	SE x E	2		30.35-	66	63	58	66	V.C.	Cir	8	8	
5	1	4	SW.	SE	1											
6	1	0	"	"	1											
7	1	5-	"	E x E	1											
8	2	0	"	"	1		30.09	68	62	56	65-	V.C.	Cir	8	8	
9	3	0	S x W	E	2											Set topmast stuns'l + spanker
10	4	5-	"	"	2											
11	5-	0	"	"	3											
12	5-	0	SW x S	"	3		30.37	65	62	57	64	V.C.	Cir	9	8	

REMARKS:

February 18th 1892

Weather cloudy and threatening rain during the night but cleared up towards morning and remained clear during the day At 6.15- called all hands and hove up the port anchor and stood out of the Roads of Santa Cruz. At 7 took departure and Changed Course to south and at 7.25- to S&W and at 8 changed to SW gave orders to let steam run down and crossed royal and topgallant yards.

Made all plain sail at 8.30. except fore topmast stuns'l + flying jib Bent mainsail. J. W. McAnaspie (S.W.) was rated School master from Feb 18th + 1st Lieut O.C. Berryman U.S.M.C. was relieved from suspension from this date.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	SW x S	E	3											
2	3	8	"	"	2											All plain sail
3	3	5-	"	E.N.E.	2											
4	3	0	"	"	2		30.34	64	64	56	65-	C.S.	Ci	9	S	Look in weather clew of
5	2	8	"	"	2											Mainsail, Spanker +
6	3	4	"	E	2											M.t. Mast Staysail + set
7	4	6	"	"	2											them again at 6 AM
8	5-	0	"	"	2		30.38	66	64	59	66	C.	Ci	8	S	
9	5-	5-	"	"	2											
10	6	0	"	"	3											
11	5-	5-	"	"	3											
12	5-	6	"	"	3		30.34	66	66	60	65-	C.	Ci	6	S	

Lat. by D. R. 26° 37' 00"

Long. by D. R. 16° 49' 30"

Lat. by Obs. 26° 34' 54"

Long by Obs. 17° 15' 15"

Dist. per Log, 88.2 Knots

Rate of Current,

Set " "

Variation of Compass, 22°-30' W.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	5-	SW x S	E	3											
2	5-	0	"	"	3											
3	5-	5-	"	"	3											
4	5-	0	"	"	3		30.32	65-	64	59	65-	C.	Ci	9	S	
5	4	8	"	"	3											
6	4	2	"	"	3											Look in weather clew
7	4	4	"	"	3											of Mainsail
8	4	3	"	"	3		30.37	68	62	58	65-	C.	—	10	S	
9	4	4	S.W.	E.N.E.	3											
10	4	4	"	"	3											
11	4	8	"	"	3											
12	4	5-	"	"	3		30.36	65-	62	59	64	C.	—	10	S	

REMARKS:

Sunday February 19th 1882

Clear and pleasant with moderate Breze from the S and E. Went to quarters at 9.16 + the Crew was inspected by the Commanding Officer at 8 P.M. Changed course to S.W.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	S.W.	ENE	3											
2	4	5-		"	3											All plain sail except the spanker & weather clew of mainsail
3	4	5-		"	3	-										
4	5-	5-		"	3		30.30	65-	63	58	66	F.C.	Cir	9	S	
5	6	2		"	3											
6	6	0		"	3											
7	5-	8		"	3											
8	6	0		"	3		30.36	65	64	60	66	F.C.	Cir	9	S	
9	6	0		"	3											Shortened sail to topsails & jib
10	1	5-	N.N.E.	"	3											
11	2	0	ESE	"	3											Made all plain sail except trysail.
12	5-	0	"	E	3		30.36	65-	66	60	66	F.C.	Cir	7	S	

Lat. by D. R. 24° 55' 10" N

Long. by D. R. 17° 48' 00" W

Lat. by Obs. 24° 54' 34" N

Long by Obs. 17° 50' 00" W

Dist. per Log, 107.8

Rate of Current,

Set " "

Variation of Compass, 21° 50' W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	5-	SSW ½ W	E	3											
2	4	8	"	"	3											
3	4	5-	"	"	3											
4	4	6	"	"	3		30.24	65-	63	60	65-	F.C.	Cir	9	S	
5	3	0	"	"	2											Hauled up weather clew of mainsail, hauled up spanker & set jibs for top-mast stimsl.
6	4	5-	"	"	3											
7	4	8	"	"	3											
8	5-	0	"	"	3		30.33	67	64	60	66	F	—	10	S	
9	4	8	"	"	3											
10	4	8	"	"	3											
11	4	6	"	NExE	3											Took in mainsail & flying jib
12	4	6-	"	"	3		30.32	67	65-	60	66	F	—	10	S	

REMARKS:

February 20th 1892

Fine weather with moderate breeze from Eastward. At 8.10 the target was rigged and put overboard, at 8.50 beat to general quarters all divisions cast loose in 6 minutes. Beat retreat at 9.15 - divisions secured in 4 minutes; Exercised at target practice & expended 3, 8 in shot guns. shell, 1, 8 in 5 sec shell. 4. 8 in 20-lb charges. 8 9 in 6 sec shell, and 8, 10 lb charges 2, 60 par shell. (percussion) + 2 8 lb charges. At 10.15 - tacked ship & stood for target and at 10.30 called all hands work ship and picked up target with the life boat and stood on on our course (S.W.) piped down and made all plain sail.

At 1 P.M. Sumary court martial for the trial of John Thompson was convened. The following named officers composed the court Lieut. W. H. Parker. Pay. P.A. Paymaster L. A. Yorke & Lieut Karl Rohrer, members and 1st Lieut P.C. Berryman Recorder. By order of Comdg. Officer P.M. Shelton (C Yeo) was released from confinement and made a prisoner at large.

Lightning a very bright motion about S.E. it moved for some distance to N.E. and then broke & fell.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	SSW ¾ W	N E × E	2											
2	3	0	"	"	2											All plain sail ex apt
3	2	5	"	"	1											Spanker + weather clew
4	3	0	"	E	3		30.19	69	67	68	68	F.C.	Ci	9	S	of mainsail
5	4	2	"	S.E.	3											
6	5	2	"	"	3											Set weather clew of
7	5	0	"	"	3											Mainsail
8	4	8	"	E.S.E.	3		30.26	68	67	65	68	F.C.	Ci	9	S	
9	4	4	"	"	3											Set Port fore topmast
10	4	6	"	"	3											+ Lowr. Stuns'ls.
11	5	0	"	"	3											
12	5	2	"	"	3		30.25	70	71	67	68	F.C.	Ci	9	S	

1	3	2 6	S.S.W. S W ½ W	S E × E	3											Lock in Stumbls
2	1	5	"	E.S.E.	2											
3	3	5	"	"	2											
4	2	0	"	"	2		30.18	70	71	67	69	F.C.	Ci. St.	8	S	
5	2	8	"	"	2											Plain sail to Royals
6	1	6	"	"	2											
7	1	6	"	E	2											
8	2	0	"	"	2		30.23	69	69	66	69	F.	Ci St.	9	S	
9	3	8	"	"	2											Set topmast stud'dgsails
10	2	8	"	E.N.E.	2											& Spanker
11	2	4	"	"	2											
12	2	8	"	"	2		30.25	70	68	66	68	F.C.	Ci	9	S	

Lat. by D. R.	23°	03′	5-8″ N
Long. by D. R.	18°	57′	00″ W
Lat. by Obs.	23°	07′	43″ N
Long by Obs.	19°	03′	00″ W

Dist. per Log, 126.2 Knots

Rate of Current,

Set " "

Variation of Compass, 18° 50′ W.

REMARKS:

February 21st 1872

Light + moderate breze from N" & E^q weather clear + pleasant At. 8.15 set 1st clew of mainsail & togt stuns'ls. at quarters had routine exercises. Rigged Starboard Forward torpedo boom & exploded practice torpedo. Extra duty was given to the following men by the order of the Commanding Officer. Bot. Wooley (Sea) 2 days. F.R. Backforth (Ord Sea) 2 days, S.P. Smallfield (1.C.B.) 5 days. & E.B. Winslow (1.C.B.) 4 days Wm Simpson (1.C.B.) 2 days Wm Mullen (O.B.) 2 days. J.E. Dealing (1.C.B.) 2 days. Issued clothing.

At 5.55 Called all hands to muster and read charges & finding of the Summary court martial convened to try John Thompson (Sea) Charged with disobedience of orders & disorderly conduct in ship. That the sentence of the court martial was as follows "To be put in solitary confinement in double irons for 25 days". By order of commanding Officer Henry Gilbert was released from confinement.

At 7 P.M. Commenced the call to general quarters and in 5^m & 20 sec 1st Div fired a primer and a shell in 11^m 50^s. No 1 gun fired a primer in 8 min & a shell in 7^m 28^s. No 2 gun primer in 3 m & shell in 8^m 6 o pdr primer in 5.20. & charge in 7^m 20 sec.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	8	SW½W	E×N	3											Plain sail to royals
2	6	0	"	"	3											Except spanker & weather
3	5-	4	"	"	3											clew of mainsail. Also
4	4	5-	"	"	3		30.25-	69	66	62	67	T.C.	ci	9	S	topmast + topgallant
5	4	4	"	"	3											stun'sls.
6	4	8	"	"	3											
7	4	2	"	E	3											Set weather clew of Msl.
8	5-	2	"	"	3		30.27	69	69	62	67	T.C.	ci	7	S	
9	6	0	"	SE×E	4											
10	5-	6-	"	SE	4											Look in port stun sls
11	6-	5-	"	"	4											+ set spanker
12	5-	0	"	SSE.	3		30.34	69	69	64	68	T.C.	ci	5-	S	

Lat. by D. R. 21° 23' 19" W

Long. by D. R. 20° 14' 00" N

Lat. by Obs. 21° 37' 34" W

Long by Obs. 20° 28' 00" N

Dist. per Log, 115.1 Cmiles

Rate of Current,

Set " "

Variation of Compass, 18. W

1	5-	6	SW×W½W	SSE	4											All plain sail except
2	6	5-	W.S.W.	"	4											the spanker + mainsl.
3	5-	5-	"	"	3											
4	4	6-	W½S	S	2		30.17	69	68	64	68	T.C.	ci	5-	S	
5	1	0	W×S	"	0-1											
6	1	0	SW×W	"	0-1											
7	—	—	SSW¾W	SSE.	0-1											
8	2	0	"	E	1		30.25-	71	70	67	68	T.C.	ci	9	S	
9	2	0	"	NE×N	1											Plain sail except spanker
10	2	6-	"	"	1-2											+ M. sail
11	2	5	"	"	2											
12	3	0	"	"	2		30.25-	70	68	65-	68	T.C.	ci	9	S	

REMARKS:

Feb 22nd 1872

Light breze from S.E. + W.a weather clear and pleasant. Wind hauled ahead and Stunsls were taken in and proceeded on port tack. At quarters Exercising according to routine. P.E. Henry (C.S.) + Karl Jacobson (Sea) were given 5 days extra duty, for missing muster + shirking. Tried to tack at 4.30 but while in stays wind hauled. Hauled up mainsail and came to course SSW¾W

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	SSW 3/4 W	NE×E	2											
2	3	0	"	"	2											All plain sail Except Spanker & weather clew of mainsail
3	2	5-	"	"	1											
4	3	0	"	E	3		30.19	69	67	65-	68	F.C.	Cir	9	S	
5	4	2	"	SE	3											
6	5-	2	"	"	3											Set weather clew of Mn sl.
7	5-	0	"	"	3											
8	4	8	"	E.S.E.	3		30.26	68	67	65-	68	F.C.	Cir	9	S	Set port fore topmast & t'gt Studdsls.
9	4	4	"	"	3											
10	4	6	"	"	3											
11	5-	0	"	"	3											
12	5-	2	"	"	3		30.25	70	71	67	68	F.C.	Cir	9	S	

1	3	2 6	SSW SxW 1/2 W	SE×E	3											Took in Studdsls.
2	3	5-	"	S.S.E.	2											
3	2	5-	"	"	2											
4	2	0	"	"	2		30.18	70	71	67	69	F.C.	Cir st-	8	S	Reef sail to royals
5	1	8	"	"	2											
6	1	6	"	"	2											
7	2	6	"	E	2											
8	3	0	"	"	2		30.23	69	69	66	69	F.C.	Cir st	9	S	
9	2	8	"	"	2											
10	2	8	"	E.N.E.	2											
11	2	4	"	"	2											
12	2	8	"	"	2		30.26-	70	68	66	68	F.C.	Cir	9	S	

Lat. by D. R.	20° 26'	S-8	N
Long. by D. R.	20° 5-5-'	00	W
Lat. by Obs.	20° 17'	04	N
Long by Obs.	21° 11'	00	W

Dist. per Log, 91 Knots

Rate of Current,

Set " "

Variation of Compass,

REMARKS:

February 23rd 1882

Clear & pleasant with light breze from Eastward & Southward Went to quarters at 9.15- and Exercised at routine drills. Unbent foresail and bent ola one. Extra duty was given to J. R. Crown for missing muster & swearing on quarter deck 5-days. Post: Wooley (Sea) Insubordinate to Capt of the top 4 days. R. Hill Fristy carrying a razor on his person. 10 days.

Unbent foretopmast staysail and bent ola one, restowed the sail room. Changed course to S×W ½ W at 12.5-5- By order of Commanding Officer. Mustered at quarters at 4.45- P.M.

LOG OF U. S. Steamer Essex Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	8	S×W½W	ENE	2											Plain sail to royals
2	3	0	"	"	2											except spanker
3	3	6	"	"	2											
4	3	0	"	"	2		30.20	70	66	61	68	Hzy	Strat		d	Took in weather clew
5	3	0	"	"	2											of main sail
6	3	6	"	"	2											
7	4	0	"	"	2											
8	5	4	"	NE×E	2		30.23	69	66	61	64	F.C.	Cir		d	Set weather clew & port
9	6	0	"	"	3											topmast and togt studs
10	6	4	"	E	3											als + spanker
11	6	0	"	"	3											
12	6	4			3		30.28	69	71	66	68	F	—	10	d	

Lat. by D. R. 18° S-S-W S-4" N

Long. by D. R. 21° 09' 0" W

Lat. by Obs. 18° S-1' 29" N

Long by Obs. 21° 12' 45"- W

Dist. per Log, 86. Knots

Rate of Current,

Set " "

Variation of Compass,

1	2 4	0 4	S×W S×W½W	E.N.E.	3												
2	6	0	"	"	3												
3	6	0	"	"	3												
4	6	0	"	"	3												
5	5-	5-	"	E×N	3												
6	6	0	"	"	3												Plain sail to royals
7	6	0	"	"	3												port Arnals
8	5-	8	"	"	3												
9	5-	9	"	"	3												Same
10	6	4	"	"	3												Same
11	6	0	"	"	3												
12	6	0	"	"	3												

REMARKS:

Friday February 24. 1882

Light breeze from N^a + E^d Weather Clear + pleasant but slightly hazy around the horizon. Went to quarters at 9.15- + had Battalion drill after which the Battalion was Exercised in Battling gun firing. 500 rounds of ball cartridges being fired. The Marine Guard were Exercised at the 3 in B.L.R. overhauled the forward bilge pumps.

LOG OF U. S. Steamer Essex Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	4	SW×W½W	ENE.	3											Lost in royals & stunsls
2	6	0	WSW.	"	3											
3	7	0		"	3											
4	7	4		"	3		30.20	74	77	69	69	Bm	—	10	S	Set royals at 4.30
5	7	5		NE×E	3											
6	8	5		"	3											
7	8	0		"	3											
8	8	6		"	3		30.27	74	74	68	67	Bm	—	10	S	
9	7	4	SW½W	"	4											
10	7	8	"	"	4											
11	6	2	"	"	5											
12	6	2	"	"	4		30.28	70	69	66	69	F	—	10	S	

Lat. by D. R.	16°	22'	36"	N
Long. by D. R.	21°	34'	00"	W
Lat. by Obs.	16°	13'	24"	N
Long by Obs.	21°	34'	30"	W

Dist. per Log, 160 Miles
Rate of Current,
Set " "
Variation of Compass, 18° W

1	5	4	SW×W½W	ENE.												Lost in royals & stuns
2	6	0	WSW.	"												
3	6	0	"	"												
4	4	4	"	"			30.20	74	77	69	69	F	—	10	S	Set royals at 4.30
5	5	5	"	NE×E												Set stbd fore topmast stay
6	6	5	"	"												
7	6	0	"	"												
8	6	6	"	"			30.27	74	74	68	67	F	—	10	S	Lost in t'gnt stunsl
9	8	4	SW½W	"												Lost in royals
10	6	0	"	"												
11	6	2	"	"												
12	6	2	"	"			30.24	70	69	68	69	F	—	10	S	

REMARKS:

Saturday Feb 25 1882

Light breeze from N^a & E^a. hazy around the horizon but fine weather. Started fires under Boilers 2 & 4 at 8 A.M. at 8.30 Changed Course to SW×W½W. Mustered at quarters at 4.30

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	2	SW ½ W	NE x E	3											Plain sail to top gallants Except mainsail & spanker & staysail
2	6	0	"	"	3											
3	6	2	"	"	3											
4	6-	6	"	"	4		30.24	71	77	65-	69	7	—	10	m	Took in t'gallants & foresail at 3 A.M.
5	6	0	W	"	4											
6	5	0	W x N	"	4											Set foresail & t'gallants 4.30
7	5	0	"	NE x N	4											
8	5	5-	NW x N	"	4		30.26-	71	73	64	69	7	—	10	m	
9	6	6-	"	"	4											
10	4	0	NW x N	"	5											
11	7	0	WNW	"	4											
12	2	0	NNE	"	4		30.23	70	70	64	69	7	—	10	m	

Lat. by D. R. 14° 5-2' 00" N
Long. by D. R. 23° 00' 00" W
Lat. by Obs. 14° 5-9' 00" N
Long by Obs. 23° 29' 00" W

Dist. per Log, 139.6 Knots
Rate of Current,
Set " "
Variation of Compass, 20 W.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	0	W ¼ N	NE x N	4											Steam Banked fires.
2	at Anchor			"	4											
3	Porto Praya			"	4											
4	"		"	"	4		30.24	71	77	65-		7	—	10	S	
5	"		"	"	4											
6	"		"	"	4											
7	"		N.E.	"	4											
8	"		N x E	"	4		30.25-	71	68	64		7	—	10	S	
9	"		"	"	4											
10	"		"	"	4											
11	"		"	"	5-											
12	"		"	"	5-		30.23	70	70	64		7	—	10	S	

REMARKS:

February 26th 1872

Moderate breeze from NE & Ea weather warm & hazy. Went to quarters for inspection at 9.15 A.M. At 10.0 went ahead under steam just enough to keep steerage way on. At 12.15 Sighted high land bearing W x N; ran in for anchorage off Porto Praya and came to with the starboard anchor in 8 fathoms of water, & veered chain to 45 fathoms. The bearings of the anchorage were Quail island light NW x W & Punta Temerosa SW ½ W (Bc). Went to quarters at 4.30 & served out clean hammocks. Two schooners passed into the harbor.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor			NxE	5		30.15									
2	Porto Praya			"	5											
3	"		NxE	"	5											
4	"		"	"	5		30.15	70	69	61		fog.	—	10	m	
5	"		"	"	4											
6	"		N.E.	N.E	4											
7	"		"	"	4											
8	"		"	"	4		30.23	73	74	63		fog.	—	10	m	
9	"		"	"	4											
10	"		"	"	4											
11	"		E.N.E.	"	4											
12	"		"	"	4		30.26	75	77	68		fogm.	—	10	m	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor			ExN	4											
2	Porto Praya			"	4											
3			ExN	"	3											
4			"	"	3		30.18	71	77	66		f	—	10	s	
5			"	"	3											
6			"	"	4											
7			E.N.E.	"	4											
8			"	"	5		30.20	71	78	65		f	—	10	s	
9			"	N.E	5											
10			"	"	5											
11			NxE	"	5											
12			"	"	5		30.20	70	70	65		fogm	—	10	m	

REMARKS:

February 27th 1872

Clear & pleasant with moderate breeze from the NE & Ea. The ship was riding easily. Went to quarters at 10 and clean hammocks were returned

The Commanding Officer paid official visits on Governor and Officers on shore. At 3.30 the American Vice Consul Military Comdt. & Governors aid visited the ship. Mustered at quarters at 5.45. Hoisted in boats and made preparations for sea.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At	Anchor	off	NE x E	5											
2	Porto	Praya		..	5											
3			N.E.	..	5											
4			"	"	4		30.15	70	76	60		b	—	10	5	
5			"	"	4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.15	72	72	62		b h.	—	10	5	
9	6	0	W x N	"	4											Steam
10	6	0	N N W	"	4											Set Main topsail pb and fore topmast Staysail
11	6	3	"	"	4											
12	6	0	N x W ½ W	..	4		30.18	76	79	65	73	b h.	—	10	5	
1	4	5	N x W ¼ W	NE x E	4											
2	5	6	"	N.E.	4											
3	6	5	"	"	4											
4	6	0	"	"	4		30.15	75	78	64	73	bm	—	10	5	
5	5	4	"	"	4											
6	5	6	"	"	4											
7	5	6	"	"	4											
8	5	6	"	"	4		30.19	73	71	67	73	bm	—	10	5	
9	5	8	"	"	4											
10	5	6	"	"	4											
11	5	8	"	"	4											
12	5	8	"	"	4											

Lat. by D. R. 15° . 01' . 00" N

Long. by D. R. 23° . 50' . 00" W

Lat. by Obs. 15°. 2' . 00" N

Long by Obs.

Dist. per Log, 24. 3 1 Knots

Rate of Current,

Set " "

Variation of Compass,

REMARKS:

Tuesday February 28 1872

Light breze from Na & Ea the weather being warm & hazy. Called all hands up anchor at 7 & at 8 o'clock stood out under steam for Porto Grande. Quarters 9.30. Exercised by routine: Marine guard at 3 in B. & R.

At 9.30 took departure Ribeira Grandes Point bearing NE ¾ E p.c. S.W. Point N ¾ W Ship heading W x N. Lost sight of land at 1 P.M. when last seen it bore E.S.E. At 5.30 Eighton Brava Island bearing p.c. SW x S went to quarters at 5.00 and inspection

Appd A. H. McCormick
Commanding

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	6	N×W¼W	N.E.	4											
2	5-	4	"	"	5											Jib Fore topmast staysail & main trysail.
3	5-	8	"	"	6											
4	5-	6	"	"	6		30.15-	71	69	65-	72	Bq.	—	10	R	
5	5-	6	"	"	6											
6	6	0	"	"	6											
7	5½	6¼	N	"	6											
8	5-	6	"	"	6		30.18	70	71	65-	72	Bm.	—	10	M	
9	2	4	N.E.	"	6											Took in all sail.
10	5-	2	"	E.N.E.	6											
11	6	0	N E ¼ E	"	6											
12	5-	6-	N E ½ N	"	6		30.20	70	72	68	72	Bqm.	cir.	9	M	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log, 134.9 Knots.

Rate of Current,

Set " "

Variation of Compass,

1	5-	0		E.N.E.	6											
2	at Anchor off			"	5											
3	Ports Grande			"	5											
4			N E × E		6		30.18	74	73	66		Bcm.	cir.	9	M	
5			"	"	6											
6			"	"	5-											
7			"	"	5-											
8			E.N.E.	"	5-		30.21	72	70	66		Bqm.	cir.	9	M	
9			"	"	5-											
10			"	"	5-											
11			"	"	4											
12			"	"	4		30.25-	78	70	65-		Bqm.	cir.	8	S	

REMARKS:

Wednesday March 1st 1872

Clear with stiff Breze from Nd & Ea. At 630 Egutia Land bearing W.S.W N.N.E. At 6.45 Changed Course to N and at 820 Changed to N.E. & took in fore & aft Sail. The island of San Antonio was in sight during forenoon watch and at 9.40 Eighter Id. of St Vincent bearing E.N.E. At 1.35 Came to with port anchor in 9 fathoms of water and veered to 35 fathoms, Bird Island bearing p.s. N ½ W Old Fort S E × E ¼ E Flanked Fires. Recd. visit from Health Officer & Captain of the Port. Sent an Officer to call on U.S. Consul and received visit from U.S. Consul.

Asst Engr. Martin Bevington received Official notification from the Navy Department giving him the rank of Assistant Engineer.

Veered to 50 fathoms on Port anchor at 4.20

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor			N.E.	5											
2				"	5											
3			N.E.	"	4											
4			"	"	4		30.22	70	68	65	69	Fog.	Cir Cum	2	M	
5			"	"	4											
6			"	"	4											
7			"	"	4											
8			NE x N	"	4		30.22	72	69	66		Fog.	Cir Cum	8	M	
9			"	"	5											
10			"	"	6											
11			"	"	6											
12			"	"	6		30.24	74	72	67		Fog.	Cir Cum	8	M	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor			N.E.	5											
2			N.E.	"	5											
3			ENE.	"	5											
4			"	"	5		30.19	74	72	66		Fog.	Cum	8	M	
5			"	ENE.	5											
6			"	"	5											
7			"	"	4											
8			"	"	4		30.24	70	70	66		Fog.	Cum	5	M	
9			"	"	4											
10			N.E.	"	4											
11			"	"	3											
12			"	"	3		30.26	70	69	64		Fog.	Cum	4	M	

REMARKS:

March 2nd 1892

Stiff Breze from N^a & E^a weather Very warm and happy. Went to quarters at 9.30 A.M. & Exercised By routine.

At 10.30 let go starboard anchor & veered to 90 fathoms on the port chain and 30 on the starboard. At 11.15 Sent down top-gallant yards & masts and found that the fore top-gallant mast had Sprung.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At anchor			NEx E	6											
2	Porto			"	5-											
3	Grande		E.N.E.	"	5-											
4	"		"	"	4		30.17	70	68	64		Fog.	Cum	5-	2	
5	"		"	"	4											
6	"		"	"	4											
7	"		"	"	4											
8	"		"	"	4		30.22	71	69	66		Fog.	Cum	6	2	
9	"		"	"	4											
10	"		"	NEx E	4-6											
11	"		"	N.E.	4-6											
12	"		"	"	4-6		30.22	70	71	67		Fog.	Cum	6	2	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor			N.E.												
2	"		N.E.	"												
3	"		"	"												
4	"		E.N.E.	E.N.E.			30.13	72	71	66		Fog.	Cum	8	2	
5	"		"	"												
6	"		"	"												
7	"		"	"												
8	"		"	"			30.16	72	69	65-		Fog.	Cum	4	2	
9	"		NE	N.E.												
10	"		"	"												
11	"		"	"												
12	"		"	"			30.20	71	68	65-		Fog.	Cum	7	2	

REMARKS:

March 3rd 1882

Pleasant weather with stiff Breeze from Na + Ea. Fire quarters at 9.45- and all divisions were reported ready in 2 minutes. Instructed Signal class. The comdg Officer went ashore to pay Official visits. Two Steamers + a Barque came into the harbor + anchored. Mail was sent to United States. Overhauled bilge pumps forward

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor			N.E.	4-5											
2	Porto			"	4-5											
3	Grande		E N E	"	4											
4			"	"	4-5		30.12	70	68	64		Fog.	Ai Cum	5	M	
5			"	"	4											
6			N E	"	5											
7			"	"	4											
8			"	"	4		30.19	72	69	65		Fog	Ai Cum	7	M	
9			"	"	4-5											
10			"	"	4-5											
11			"	"	4-5											
12			"	"	5		30.18	71	70	64		Fog	Ai Cum	8	M	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor		N.E.	N.E.	5=6											
2			N.E.	"	5=6											
3			N E x E	"	5											
4			"	"	5		30.08	70	69	64		Fog.	Ai Cum	8	M	
5			E N E.	"	5											
6			"	"	5											
7			"	"	4											
8			"	"	4		30.16	71	68	63		Fog.	Ai Cum	4	M	
9			"	"	4											
10			"	"	4											
11			"	"	4											
12			"	"	4		30.17	70	68	62		Fog	Ai Cum	8	S	

REMARKS:

March 4th 1892

Clear + pleasant weather the Brave being Fresh from the E d + Na At quarters found Samuel Smith 2 cl fireman absent without leave Served out monthly money to the crew. Confined Wm Simpson (1 C.P.) + John McCowan (Las) in double irons for safe keeping Ed Lords (Las) desertion from the 1st whale boat at 5.30 P.M.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor			N.E.	4											
2	Porto			"	5											
3	Grande		E.N.E.	"	4											
4			"	"	4		30.18	70	67	61		Beg.	Ci	3	M	
5			"	"	4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.17	70	68	62		Beg.	Ci Cum	2	M	
9			"	"	3											
10			"	"	3-4											
11			NExE	"	3-4											
12			"	"	3-4		30.17	70	70	64		Beg.	Ci Cum	7	M	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			NExE	NE	4											
2			"	"	4											
3			"	"	4											
4			"	"	4		30.17	70	70	64		Bcm.	Ci Cum	6	M	
5			"	"	4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.11	70	64	63		Bcm.	Ci Cum	7	M	
9			"	"	4											
10			"	"	4											
11			"	"	4											
12			"	"	4		30.18	70	67	62		Bcm.	Ci Cum	3	M	

REMARKS:

March 5th 1892

Pleasant but hazy weather with strong breeze from NE to E
Went to general quarters at 9.30 and found several men absent
after the expiration of their leave. By order of the Commanding
Officer the following changes in ratings are made viz. Wm Mathis
G.S. to C.A.G. to take effect Feb. 22nd. J.P. King C.A.G. - G.S. to take effect 22nd
J.P. King Gr. G. to C. Top. to take effect Feb 26th. John McGowan Cox is placed
in double irons for 5 days for abusive language and disrating to Sgt.
for drunkenness on duty Recd. Visit from the Mayor of the
town + the Military Comdt of the Place.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick Lieut.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor		E N E	N E	3.5											
2			"	"	3.5											
3			"	"	3.6											
4			"	"	3.5		30.17	69	67	61		Fogm	Cirro	0	M	
5			"	"	4											
6			"	"	2.4											
7			"	"	3											
8			"	"	4		30.18	70	69	63		Fogm	Cir Cum	8	M	
9			"	"	4											
10			"	"	4											
11			"	"	4											
12			"	"	4		30.17	71	71	64		Fog.	Cir Cum	9	L	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	At Anchor		E N E.	N E.	2.4											
2			"	"	2.4											
3			N E x E	"	2.4											
4			"	"	3.4		30.15	70	69	63		Fog.	Cir. Cum	7	S	
5			"	"	3.4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.14	71	69	63		Fog	Cir.	5	L	
9			"	"	4											
10			"	"	4											
11			N.E.	"	4											
12			"	"	4		30.20	69	68	64		Fog	Cir.	2	L	

REMARKS:

March 6th 1872

Clear and pleasant with stiff breeze from the Northward + Eastward. Began coaling at 7 a.m. + took on board 62 tons 8 cwt of coal. Two English steamers entered the harbor. Went to quarters and mustered at 4.45

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N E x E	N.E.	4											
2	Port		"	"	4											
3	Grande		"	"	4											
4			"	"	4		30.15	70	68	64		Fr.	cir.	1	2	
5			"	"	4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.20	70	69	64		Fr.	cir.	6	2	
9			"	"	4											
10			"	"	3											
11			"	"	3											
12			"	"	3		30.20	72	70	65-		Fr.	cir.	7	2	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			N E x E	N.E.	4											
2			"	"	4											
3			E.N.E.	E.N.E.	4											
4			"	"	4		30.10	70	70	65-		Fr.cm.	cir	1	8	
5			"	"	4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.16	70	68	65-		Fr.cm.	Cum	7	8	
9			"	"	4											
10			"	"	4											
11			"	"	4											
12			"	"	4		30.18	70	68	65		Fr.	Cum	8	8	

REMARKS:

March 7th 1892

Stiff breeze during the day from N.d + Ed. the weather being Clear + pleasant and the sea Smooth. At quarters Exercising at routine drills. By order of the Commanding Officer extra duty was given to Wm Simpson (1.C.B.) for 5 days + for being drunk on duty. Ed. Forde for 15 days for having boat without permission. Sent a liberty party ashore during the afternoon.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	E.N.E.	4											
2	Porto		"	"	4											
3	Grande		"	"	3											
4			"	"	3		30.16	70	67	63		Cr.	Ci Cum	8	S	
5			"	"	3											
6			"	"	3											
7			N.E.	"	3											
8			"	"	3		30.17	71	67	64		Cr.	Ci Cum	6	S	
9			"	"	3											
10			"	"	3											
11			"	"	4											
12			E.N.E.	"	4		30.14	71	71	65		Cr.	Ci Cum	9	S	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	E.N.E.	4											
2			"	"	4											
3			"	"	4											
4			"	"	4		30.09	71	69	65		Ccm.	Ci Cum	8	S	
5			"	"	4											
6			E	"	3											
7			E.S.E.	E	2											
8			E	E x N	3		30.12	71	70	65		Cr.	Ci Cum	9	S	
9			E.N.E.	E N E	3											
10			"	"	4											
11			"	"	4											
12			"	"	3		30.16	70	68	63		Ccm	Ci Cum	9	S	

REMARKS:

March 8th 1892

Weather clear & pleasant with Breze from E.S.E. & E. Sent to general quarters at 9.30 and found several men absent without leave sent up light yards & 8 A.M. Sent a liberty party ashore in the afternoon about 4 P.M. A French man of war came in from the Sea & anchored just astern of the Essex. Sent down light yards at sunset.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		E N E	N.E.	3											
2			"	"	3											
3			"	"	3											
4			"	"	3		30.10	70	69	65		b.c.	ci	5	S	
5			"	"	3											
6			"	"	3											
7			"	"	1											
8			"	"	1		30.17	71	70	67		b.cu.	ci	5	S	
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.14	71	70	68		b.c.	ci	9	S	

Lat. by D. R.

Long. by D. R. Porto Grande

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E N E.	N.E.	3											
2			"	"	4											
3			"	"	4											
4			"	"	4		30.08	75	74	68		b.cu.	ci	7	S	
5			N E	"	4											
6			"	"	4											
7			"	"	3											
8			"	"	3		30.12	71	70	66		b.cu.	ci Cum	8	M	
9			"	"	3											
10			"	"	3											
11			"	"	3											
12			"	"	3		30.16	70	70	67		b.cu.	ci Cum	5	M	

REMARKS:

March 9th to 1882

Moderate breeze from the N.E. weather warm & misty. At quarters exercising at routine drills. Received a visit from the Captain of the Talisman, a French sloop of war, barque rigged and about 1000 tons displacement. She carries four broadside and two pivot guns all B.L.Rs. calibre about 16 cm. She has also two Hotchkiss revolving cannon on the poop. She carries 250 tons of coal and steams 12½ knots per hour. Her crew is about 150 men all told.

During the morning changed forward port torpedo boom for after starboard one.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	N.E.	2											
2			"	"	1											
3			"	"	1											
4			"	"	1		30.15	69	64	65		Fair	Ci	9	S	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			"	"	1		30.18	71	69	65		Fair	Ci	9	S	
9			N.W.	"	1											
10			"	"	1											
11			N.N.E.	"	2											
12			"	"	2		30.4	73	73	67		Fair	Ci	8	S	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.E.	N.E.	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.11	73	74	67		Fair	Ci	9	S	
5			"	"	2											
6			"	"	2											
7			"	"	3											
8			"	"	3		30.14	76	73	65		Fair	Ci	9	S	
9			"	"	2											
10			N	"	2											
11			"	"	2											
12			N.N.E.	"	2		30.18	72	69	66		Fair	Ci	9	S	

REMARKS:

March 10th 1872

Light breeze from N.E. weather warm & misty. Sent up top-gallant & royal yards at 8 A.M. At quarters exercised at battalion drill. Saml. Smith (1st C.T.) having been absent without leave since the 4th inst. was declared a deserter. The English mail steamer "Tagus" left for the north. Mustered at quarters at 5-45-. Made preparations for sea

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.E.	N.E.	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.13	70	70	67		7	—	10	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.19	70	71	67		Bm.	—	10	L	
9	8	0	S x E ÷ E	E x N	4											Plain sail to royals
10	7	5	"	"	4											took in royals & spanker
11	7	0	"	"	4											set main trysail
12	5	5	"	"	4		30.12	74	74	69	74	F	—	10	L	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	0	S x E ÷ E	E	5											
2	4	0	S x E	E x S	5											
3	4	5	S x E ÷ E	E	5											
4	4	5	"	"	5		30.09	78	74	63	74	Bm.	—	10	M	Same
5	4	2	S S E.	E x N	5											
6	4	0	"	"	5											
7	4	0	"	"	4											
8	3	8	"	"	4		30.15	72	71	67	78	Bm.	cir	8	M	
9	3	0	S S E ÷ E	"	4											Same
10	3	6	S E x S	"	4											
11	3	0	"	"	4											
12	3	0	"	"	4		30.19	72	70	65	68	Beg.	Str	9	S	

REMARKS:

March. 11 th 1872

Moderate breze from N & E the weather being pleasant At. 6 A.M. hove up anchor and at 6.50 started ahead 1 bell At 8.15 made plain sail to royals except mainsail. Banked fires and detached screw at 8.30. Took departure at 8.30 South end of St Vincent bearing (PO) E x S West end N N E at 8.30 took in royals & flying jib to a squall. J.E. Dealing was given Extra duty for 15 days for disobeying the orders of the School master. W.E. Pickett (1.C.B.) and G.W. Jones. 1.C.B. were given 5 days extra duty for fighting Mustered at quarters at 4.45

LOG OF U. S. S. Essex Commanded by A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	S ExS	ExN	5	2										
2	4	0	"	"	4	2										
3	4	0	"	"	4	1										
4	3	0	"	"	3	1	30.15	72	70	64	73	Vs.	ci	9	S	
5	3	4	"	"	4	1										
6	5	0	S.S.E.	"	4	1										
7	6	0	S x E	E	4	½										
8	6	2	S.S.E.	"	4	½	30.17	72	70	64	73	Fog.	ci strat	8	S	
9	6	4	S x E ½ E	"	4	½										
10	5	0	"	"	4	½										
11	8	0	S E x E	"	4											
12	8	4	"	"	4		30.19	74	73	68	70	Fog.	ci strat	9	S	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	5-5-5	6 5 ½ 5 ½	S E ½ S	S E	4											
2	6	8	S E ¾ S	"	4											
3	6	0	S E x S	"	4											
4	6	0	E	"	4		30.18	75	70	62	73	Fg m.		10	L	
5	Anchor		"	E x N	4											
6			"	"	4											
7			"	"	4											
8			E N E.	"	4		30.19	74	72	62		F.C.m.	ci	8	L	
9			E x N	"	4											
10			"	"	4											
11			"	"	4											
12			"	"	3		30.20	72	70	61		F.C.	ci	9	M	

REMARKS:

Mar. 12th 1872

Clear & pleasant with moderate Breze from N.d & E.a went to quarters for inspection at 9.30. Shortened sail and began to steam at 9.30. Sent down Lyat yards. at 3.20 Sighted Isle Solana bearing P.C. S.W. x W. Sighted St Jago at 11.30 bearing (P.C.) S.E. at 6 P.M. Sighted Porto Praya Light and at End of watch the town was in sight. At 4.36 came to with Starboard cable in 7½ fathoms of water and veered to 60 fathoms of chain Mole light bearing (P.C.) N.N.W. Pinnacle Lemeroon Light (P.C.) S.W. x W½W An Officer from the Portuguese Gunboat "Zaroya" came aboard making the usual Visit of assistance on the part of his Brd. Officer. The fires were banked

LOG OF U. S. S. Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	E x N	4											
2	Porto		"	"	4											
3	Praya		"	"	4											
4		"	"	"	4		30.17	71	69	61		Fg	—	10	L	
5		"	"	"	4											
6		"	"	"	4											
7		"	"	"	4											
8		"	N.E.	"	4		30.20	71	69	63		Fr.	Cir	9	L	
9		"	"	E.N.E.	5											
10		"	"	"	5											
11		"	"	"	5											
12		"	"	"	5		30.20	76	76	66		Fr.	Cir	9	L	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E x N	E.N.E.	5											
2			"	"	5											
3			"	"	5											
4			"	"	4		30.16	76	65	65		Fair	Cir	9	L	
5			E x S	E	4											
6			"	"	4											
7			E.N.E.	"	5											
8			"	"	4		30.22	75	73	64		Fair	—	10	L	
9			"	"	3											
10			"	E.N.E.	3											
11			"	"	3											
12			"	"	3		30.22	71	70	68		F	—	10	L	

REMARKS:

Monday March. 18 1878

Pleasant weather with moderate breeze from N.E. & E. Exercised at general quarters at 9.30. Sent an Officer to the Portuguese man-of-war in the harbor at 10.15. The Commanding Officer paid an Official visit to that vessel at 11. and received one in return. Mustered at quarters at 5.45

LOG OF U. S. S. Essex Commanded by A. H. McCormick Lieut.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ENE	ENE	3											
2	"		"	"	3											
3	"		"	"	3											
4	"		"	"	4		30.17	70	68	61		F	—	10	L	
5	"		"	"	4											
6	"		"	"	4											
7	"		"	"	4											
8	"		"	"	4		30.22	72	78	66		F.c.	cir	8	L	
9	"		"	"	4											
10	"		"	"	4											
11	"		"	"	4											
12	"		"	"	4		30.19	78	77	66		F.c.	cir	9	L	

Lat. by D. R.

Long. by D. R. Porto Praya

Lat. by Obs. St. Jago.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		E.N.E.	E.N.E.	4											
2	"		"	"	4											
3	"		"	"	4											
4	"		"	"	4		30.15	72	77	66		F.c.	cir	9	S	
5	"		"	"	4											
6	1	0	SE x S	"	4											6.15. made sail 6.45 - set f topmast stunsl. 7.20 set lgt stsl. Set mainsail.
7	7	0	"	"	4											
8	6	2	"	"	4		30.16	73	76	66	78	F.c.	cir	9	S	
9	6	0	"	"	4											
10	6	0	"	"	4											
11	6	0	"	"	4											
12	6	0	"	"	4		30.16	73	71	66	73	F	—	10	S	

REMARKS:

March 14th 1 1872

Clear & pleasant with moderate breeze from E.N.E. went to quarters at 9.30 and had routine drills. The Portuguese gun boat got up anchor & left the harbor at 9AM and came back during the forenoon watch. The portuguese steamer China came into the harbor & anchored about 10 AM. Crossed royal & topgallant yards at 4 PM. and made preparations for sea. Got up anchor at 5.20 and went ahead four bells at 5.45. Took departure 1.48 mile Isleta bearing (p.c.) NW x W Punta Temerosa S. bearing SW x W Shapia course SE x S Draft of ship forward 14.2" aft. 15.10. Made sail and banked fires at 6.30 at 7.15 - lost sight of land bearing when last seen NW x W

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	S.E×S.	E.N.E.	4											Enact royals + fore jib
2	6	0	"	"	4											Plain sail & fore topmast
3	6	0	"	"	4											(+ both lgt. studs.)
4	6	0	"	"	4	30.08	71	70	66	73	Bcm.	Strm	8	m		
5	5-	8	"	"	4											
6	6	4	"	"	4											5:20. Set royals + fore jib.
7	6	8	"	"	4											
8	7	2	"	"	4	30.14	72	73	67	73	Bcm	Strs	9	m		
9	7	0	"	"	4											
10	7	4	"	"	4											
11	8	0	"	"	4											
12	7	0	"	"	4	30.16	75-	74	69	73	Bcm.	Strat	9	m		

Lat. by D. R. 18. 39. 00 N

Long. by D. R. 21 55 20. W

Lat. by Obs. 18. 37 12 N

Long by Obs. 21 59 15- W

Dist. per Log, 117. 8

Rate of Current,

Set " "

Variation of Compass, 16° 30' W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	5-	S.E×S	E.N.E.	5-											Same
2	7	5-	"	"	5-											
3	7	5-	"	"	5-											
4	7	0	"	"	4	30.01	75-	74	68	74	Bc	Cr.cim	1	m		
5	7	0	"	"	4											
6	6	6	"	"	4											
7	6	5-	"	"	4											
8	6	4	"	"	4	30.04	74	73	68	74	Bc	Cir	7	m		
9	6	8	"	"	4											
10	6	0	"	"	4											
11	5-	0	"	"	3											
12	5-	0	"	"	4	30.12	74	72	68	74	Bcm	Cir	10	s		

REMARKS:

March 15th 1872

Weather pleasant - but foggy. the breeze being stiff from the E.N.E. At quarters Exercised at Routine drills By order of the Comdg. Officer Jno. McGowan was released from confinement. went to Evening quarters at 4.45-

LOG OF U. S. S. Essex Commanded by Act. Mc Cormick U.S.S.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	5-	SE×S	E.N.E.	3											
2	5-	0	"	"	3											Plain sail + Fore topmast studnsls.
3	5-	5-	"	"	3											
4	5-	5-	"	"	3		30.09	75-	72	69	74	Bcm.	cum	8	1	
5	5-	4	"	"	3											
6	5-	0	"	"	3	½										
7	4	4	"	"	2	½										
8	3	8	"	E×N	2	½	30.07	73	75-	70	74	Bcm.	cirst.	3	3	
9	1	6	"	"	2											
10	0	6	W.S.W.	"	1											
11	0	6	"	"	1											
12	2	0	SE×S	"	1		30.10	76	78			Bcm	cir	6	5.	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	1.4	4	S SE×S SSE½E	E×N												
2	2	4	"	"												
3	2	4	"	"												
4	2	0	"	"			30.05	75-	76	70	76	Bcm	cir	7	4	
5	2	5-	"	"												
6	1	5-	"	"												
7	2	2	"	N.E.												
8	3	0	"	"			30.09	75-	75-	73	75-	Bcg.	cirst.	8	8	
9	3	0	"	"												
10	2	0	"	"												
11	1	2	"	"												
12	1	0	"	"			30.13	75-	75-	73	75-	Bcg.	cirst.	9	8	

REMARKS:

March. 16th 1892

Weather warm and hazy wind light from the Nd & Ea At 9 AM. lowered second cutter and set up a target on Starboard beam. at 9 o'clock shook up gaffsail & went to quarters at 9.30 and exercised at target practice with quat guns. Exploded two 8" Long shell (percus.) 3,60 lbs (percus). 16. IX 5-sec shell two 25-lb. charges, 6 6-lb. charges, & 16,10 lb charges. also 8 rounds with the 5in B.L.R. Secured at 11.15-. Took in target. Exercised 1st Div. of starboard watch at pistol practice. went to quarters at 4.45-.

LOG OF U. S. S. Essex. 3rd Rate Commanded by A. F. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	2	SSE ½ E	NE.	1											
2	1	0	"	"	1											
3	1	2	"	"	1											
4	1	4	"	"	1		30.10		75°	76	72	76	Bcm	strat-	9	S	
5	3	0	"	ENE.	1											
6	3	5-	"	"	2											
7	2	0	"	"	1											
8	1	5-	"	"	1		30.10		78	77	70	77	Bcg	cir	9	S	
9	1	0	"	"	1											
10	1	4	"	"	1											
11	2	4	"	"	1											Set top gallant sail.
12	2	8	"	"	2		30.10		77	77	78	77	Bcg	strat-	9	S	

Lat. by D. R.	10°	45-'	58"	N
Long. by D. R.	19	5-3	09	W
Lat. by Obs.	11	37	45	N
Long by Obs.	19	5-8	00	W

Dist. per Log,	48.4			
Rate of Current,	05-	K		
Set " "	S. 30. W			
Variation of Compass,	17°00	W		

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	SSE ½ E	ENE.	2-3											
2	3	2	"	"	2-3											
3	3	2	"	"	2-3											
4	3	0	"	"	2-3		30.04		76-	77	72	77	Bcg.	cir	9	S	
5	3	4	"	"	2-3											
6	5-	0	"	"	2											
7	2	5-	"	"	1											
8	1	5-	"	"	1		00.10		76	77	74	77	Bcm.	cir	9	S	
9	2	4	"	"	1											
10	2	6	"	"	1											
11	3	4	"	"	2											Set our clew of mainsail
12	3	8	"	ExN	2		30.12		70-	76	74	77	Bgm	—	10	S	

REMARKS:

March 17th 1872

Clear & warm with very heavy dew at night. Light breeze from Nd & Ed. Went to quarters at 9.15- inspected Clothing made out Clothing requisitions and inspected corrected clothing lists.
Overhauled forward Belge pumps & found them in good condition

LOG OF U. S. S. "Essex" Commanded by Commander A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	SSE½E	E×N	2											
2	5	0	"	"	2											Plain sail with fore topmast + both t'gt. Studsails.
3	4	0	"	"	2											
4	3	0	"	"	1-2		30.06	76	75	71	77	Cmw	—	10	S	
5	3	9	"	E.N.E.	2											
6	4	2	"	"	2											
7	4	8	"	"	2											
8	5	0	"	"	3		30.12	77	77	72	77	Beg	Cir	9	S	
9	4	5	"	"	3											
10	4	0	"	"	3											
11	3	5	"	"	3											
12	3	0	"	"	3		30.10	79	80	78	79	F	—	10	S	

Lat. by D. R. 10° 38' 5"
Long. by D. R. 18 . 37 . 0
Lat. by Obs. 10 . 32 . 58
Long by Obs. 19 . 00 . 00

Dist. per Log, 84.2
Rate of Current, 25-15
Set " " S29°W
Variation of Compass, 17.00 W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	SSE½E S×S	E×N	2											
2	3	0	"	"	2											
3	3	0	"	"	2											
4	3	2	"	"	2		30.02	80	81	74	79	F	—	10	S	
5	3	0	"	"	2											
6	3	2	"	"	2											
7	8	0	"	"	2											
8	2	4	"	"	2		30.07	80	79	74	80	Beg.	Cir	8	S	Took in Studsails
9	2	0	"	E.N.E.	1-2											
10	3	0	"	"	1-3											
11	3	0	"	"	2											
12	3	0	"	"	2		30.08	79	79	74	80	Beg.	—	10	S	

REMARKS:

March. 18th 1882

Weather warm and + hazy light breeze from N.N.E and at 12.30 Changed course to S.E.×S By order of the Comndg. Officer.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	2	SExS	ENE	1											
2	2	4	"	NExE	2											Plain Sail to royals
3	2	2	"	"	1											Except Spanker.
4	2	0	"	"	1		30.01	80	79	78	80	Cby.	+	10	S	
5	1	5-	"	"	1											
6	2	5-	"	"	1											
7	3	0	"	"	2											
8	3	6	"	NExN	3		30.09	81	80	78	80	Bcm.	cir	9	S	Set f. t'mast & for m topto'mast
9	3	6	"	"	3											
10	4	6	"	"	2											
11	4	4	"	"	3											
12	5	2	"	"	4		30.08	80	82	78	80	Cc.	cir	9	S	

Lat. by D. R.	9°	44.	S-S-W
Long. by D. R.	17	58.	00 W
Lat. by Obs.	9	40	03 N
Long by Obs.	18	02	30 W

Dist. per Log, 72.8 I.C

Rate of Current,

Set " " S.40°.W

Variation of Compass, 17°.00'. W

1	2	6	SExS	NNE	3											
			SE¼S													
2	3	5-	"	"	3											
3	3	0	"	"	3											
4	2	5-	"	NExN	2		29.96	81	80	72	81	Bc	—	10	S	
5	2	4	"	"	2											
6	1	1-	"	"	1											
7	1	6	"	"	1											
8	1	6	"	"	1		30.03	81	80	72	81	Bc	—	10	S	
9	2	0	"	"	1											
10	2	4	"	"	1-2											
11	3	0	"	"	2											
12	2	0	"	"	1		30.08	80	79	72	81	Bc	—	10	S	

REMARKS:

March. 19th 1872

Weather warm & pleasant Breze from Na & Ea went to quarters at 9. so the crew were inspected by the Comdg. Officer At. 12.30 Changed course to SE¾S By order of the commanding officer. Muster at quarters at 4.45-

LOG OF U. S. S. "Essex" 3rd Rate Commanded by Comde A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	5	SE¾S	NE×N	2											Plain sail except spanker
2	2	5	"	"	2											
3	2	6	"	"	2											
4	3	0	"	"	3		30.00	60	79	71	81	Bj.	—	10	S	
5	4	4	"	"	3											
6	4	8	"	"	3											
7	4	8	"	"	3											
8	4	4	"	"	3		30.03	60	60	72	81	Bj.	—	10	S	
9	3	8	"	"	2											
10	3	6	"	"	2											
11	4	0	"	"	3											
12	4	2	"	"	2		30.02	82	82	78	82	Bj.	—	10	S	

Lat. by D. R. 50.55'.83"

Long. by D. R. 17.02.00

Lat. by Obs. 50.25-

Long by Obs. 17.04.15-

Dist. per Log, 75.2 M

Rate of Current, 25- f.h.

Set " " S27°W

Variation of Compass, 17°30' W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	0	2	SE¾S	NE×N	2											
2	2	9	"	"	2											
3	2	5	"	"	1											
4	2	6	"	"	2		30.00	84	88	74	82	Bj.	—	10	S	
5	1	5-	"	"	1											
6	1	0	"	"	1											
7	0	8	"	"	0-1											
8	1	0	"	W×N	0-1		30.01	84	82	78	82	Bj.	—	10	S	Took in studsails.
9	1	8	"	W×S	1											
10	3	6	"	"	2											Set tmast + topgl stuns. at 11.25-
11	4	0	"	S.W.	2											W clew of m sail took in topg-
12	4	8	"	"	3		30.01	81	81	76	82	Bcj	ci	9	S	studsails.

REMARKS:

March 20th 1862

Weather warm + hazy with pleasant breeze from N.E. + E.N.E. Went to emergl quarters at 9.20 all divisions reporting ready at 2m 5-0s after the sounding of the call. Secured at 9.5-3 All divs. reporting secure in 8m 5-0s and went to evening quarters at 4.45-

LOG OF U. S. S. "Essex" 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6-	4	SE 3/4 E	SW	3											Plain sail to royals & Spanker.
2	5-	6	"	"	3-4											
3	6-	2	"	"	3-4											
4	6-	2	"	"	3-4		30.07	81	80	76	83	Foggy	ci	8	5	
5	4	5-	"	"	3											
6	3	5-	"	"	3											
7	3	0	"	"	2											
8	3	4	"	"	2		30.07	81	80	77	83	Fog	ci Cum	2	5	
9	3	2	"	W x N	2											Took in Mainsail
10	3	4	"	"	2											
11	3	4	"	"	2											
12	3	2	"	"	2		30.08	81	80	77	83	Fog	Cu Cum	4	5	

Lat. by D. R. 8 . 3 . 5-5- N

Long. by D. R. 16. 1 00 W

Lat. by Obs. 8 . 12 . 57 N

Long by Obs. 15-. 52. 45- W

Dist. per Log,

Rate of Current, 0 3/24

Set " " S 42° E

Variation of Compass, 18° W

1	3	0	SE 3/4 S	W x N	2											
2	3	6	"	"	3											Set f. topsl + f + m. topsl + studdsls.
3	3	6	"	"	2-3											
4	3	6	"	"	2-3		30.08	82	83	78	83	Fog	Ci Cum	4	5	
5	3	6	"	"	2-3											
6	4	0	"	"	3											
7	3	5-	"	"	3											
8	3	0	"	"	2		30.05-	83	83	78	84	Fog	Cir Cum	6	5	
9	2	8	"	"	2											
10	2	0	"	N W.	2											
11	2	5-	"	"	2											
12	3	0	"	"	2		30.08	82	83	78	84	Fog	Cir	0	5	

REMARKS:

March 21st 1882

Pleasant weather with light breze from SE + W & N & W Broke out fore hold. By order of Commanding Officer Relieved T. J. Wynn (Fincher) from confinement went to quarters at 4 Bells - Very little breze during the evening several light ships passed.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	4	SE¾S	NW	1											Took in Starboard studdsls
2	2	2	"	"	1											Plain sail except
3	2	2	"	"	1											Spanker & top stsl.
4	1	5-	"	"	1		30.04	81	82	74	84	Vr.	Cir Cum	4	M	
5	1	0	"	"	0-1											
6	2	0	"	"	1											
7	2	0	"	"	1											
8	2	2	"	"	1		30.07	80	80	78	84	Vr.	Cir Cum	4	M	7.45- Set f. t. stsl & f & m Coyl- studsls
9	2	0	"	"	1											
10	1	5-	"	"	1											
11	1	5-	"	"	1											
12	1	5-	"	SW	1		30.04	80	84	74	84	Vcl.	Cir Cum	2	M	

Lat. by D. R. 7. 36. S-S- N

Long. by D. R. 15-. 1 07 W

Lat. by Obs. 7. 26. 37 N

Long by Obs. 14. 47. 00 W

Dist. per Log,

Rate of Current, 7 Knots

Set " " S S-4° E

Variation of Compass, 16. 45- W.

1	1	4	SE¾S	SW×W	1											
2	1	2	"	NW	1											
3	1	0	"	"	1											
4	1	0	"	"	1		29.98	82	85-	79	84	Vr.	Cir Nim	2	S	
5	2	8	"	S.W.	2											Took in t'gallants & royals & fj.
6	2	4	SE¼E	"	2											
7	2	0	"	"	2											6.40 Shortened sail
8	7	0	"	"	2		30.4	83	81	77	84	Ocln	Cir Nim	0	S	& went ahead under
9	6	0	"	S	2											steam.
10	6	0	"	E.S.E.	2											
11	6	0	"	"	2											
12	6	2	"	"	2		30.08	83	80	77	84	Vr.	Cir Nim	0	S	

REMARKS:

March 22d 1872

Light breze from Na & Wa & Sa & Wa. weather being pleasant and very warm. Exercised at quarters at 9.30, and during the day the Nav. 2nd & 3rd divisions were exercised at rifle practice dis. 100 yds. Called all hands shorten sail at 6 20 went ahead 4 bells at 6.50.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McComic.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7		SE¼E	SSW	1											Steam
2	7	2	"	S	1											
3	6	8	"	E	1											
4	5-	5-	"	"	1		29.99	80	80	79	84	octr.	Ci min	0	S	
5	6	9	"	"	1											
6	6	4	"	"	1											
7	6	4	"	"	1											
8	6	8	"	"	1		30.05-	80	80	77	85-	Bo.	CiCum	2	S	
9	6	0	"	"	1											
10	5-	4	"	"	1											
11	5	2	"	ENE.	1											
12	6	0	"	NE.	2		30.05-	82	81	78	85-	Bc.	CiCum	4	S	

Lat. by D. R. 6° 37'. 14" N

Long. by D. R. 12. 52. 12 W

Lat. by Obs. 6. 28. 00 N

Long by Obs. 12. 46. 45- W

Dist. per Log, 183

Rate of Current, "24

Set " " S29. W

Variation of Compass, 19. W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	5-	SE¼E	NE	2											
2	6	0	SExE	"	3											
3	6	0	"	"	3											
4	5-	6	"	"	3		29.92	83	83	78	85-	Bc	CiCum	2	S	
5	6	0	"	"	2											
6	6	0	"	"	2											
7	6	0	"	"	1											
8	5	6	"	NW	1		29.99	84	82	77	85-	Bc.	min	7	S	
9	5-	6	"	"	1											
10	5	5-	"	"	1											
11	6	2	"	"	1											
12	6	0	"	"	1		30.04	83	82	77	85-	Bg	Ci	0	S	

REMARKS:

March 23rd 1882

Weather slightly overcast with light breeze from Sd + Wa, + Nd + Ea. By order of Comdg. Officer P. C. Marret was given 1 days extra duty for missing Muster.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	5-	SE×E	S.W.	1											
2	5	5-	"	"	1											Steam
3	5-	5-	"	"	1											
4	5-	5-	"	"	1		29.95-	82	83	78	85-	Bc.	Ci Cum	5-	S	
5	4	4 CO	"	NW	1											
6	2	4	NE×E½E	"	2											
7	6	6 CO	"	"	2											
8	5	5	NNE½E	N	2		29.99	82	83	78	85-	Bo.	Ci Cum	8	S	
9	6	0	"	"	1											
10	at Anchor		NNE.	NNE	1											
11			"	"	1											
12			"	"	1		30.00	84	83	79	8	Bc	Ci Cum	9	S	

Lat. by D. R. Monrovia Liberia

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		N	N×W	2											
2			"	"	2											
3			"	"	1											
4			"	"	1		29.95-	85-	84	80		Bcg.	Ci Cum	6	S	
5			"	"	1											
6			"	WSW.	2											
7			"	"	2											
8			"	"	1		29.97	85-	83	79		Bcg.	Ci Cum	9	S	
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.04	83	82	79		Bcl	Ci	5-	S	

REMARKS:

March 24th 187-

Weather clear & very warm. At 4.25- stopped engines to wait for day light started ahead at 5.30 Light house land at 5.45- right ahead. Steered for anchorage off Monrovia Called all hands bring ship to an anchor at 9.00 & came to in 7 fathoms of water with forty fathoms of port chain out Cape Mesurado bearing S.E. ½ E W Ashman Pt S.E. Received an official visit from the Presidents representative Sent an officer to call on the American Consul. Loosed sail to dry at 9 A.M. Draught of ship forward 10'8". Aft. 15'8". Hauled all fires except in two boilers to be used in distilling. Recd. official visit from the commanding officer of H.M.S. Algerine & from U.S. Vice Consul general. Sent an officer to pay an official visit to H.M.S. Algerine.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	W	2											
2	"		"	"	1											
3	"		W	"	1											
4	"		"	"	1		30.04	82	82	78		Fair	cirrus	5	3	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.01	83	80	77		Fair	rain	0	3	
9	"		N.W.	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	S.W.	1		30.04	83	80	78		o.c.	cirrus	0	3	

Lat. by D. R. Mouroya Liberia

Long. by D. R.

Lat, by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	"		N.N.W.	S.W.	1											
2	"		"	"	1											
3	"		N×W	"	1											
4	"		"	"	1		29.96	82	80	77		o.c.	rain	6	3	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.00	82	81	78		o.c.	rain	8	3	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	Variable	1		30.04	82	81	77	0	o.c.	Strat.	8	3	

REMARKS:

March. 25 th 1882

Weather overcast & raining during part of day then cloudy & warm. Light breeze from S.E. & W.S.W. Went to quarters at 5.45 The Captain left the ship to pay an official visit on the Commanding Officer of the Algerine. & to the authorities on shore Cleared out Telegs.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W.N.W.	N.W.	1											
2	"		E	E	1											
3	"		"	"	1											
4	"		"	N.W.	1		30.03	79	78	75		Bel	Nim	8	8	
5	"		"	"	1											
6	"		"	"	1											
7	"		S.E.	"	1											
8	"		"	"	1		30.08	81	78	77		O.C.	Nim	0	8	
9	"		"	"	1											
10	"		"	N.x.E	1											
11	"		S.x.W	S	1											
12	"		W.S.W.	"	1		30.06	82	79	76		B.C.	Ci Cum	2	8	

Lat. by D. R. Monrovia

Long. by D. R. Liberia

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W.S.W.	S	1											
2	"		"	"	1											
3	"		S	"	1											
4	"		"	"	1		30.00	80	80	77		BC	Ci Cum	2	8	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		W.N.W	W.N.W.	1		30.04	81	80	77		B.C.	Ci Cum	7	8	
9	"		N.W	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.04	79	79	76		B.C.	Ci Cum	6	8	

REMARKS:

March. 26th 1872

Weather warm and overcast with light rains during the day with occasional thunder and lightning went to quarters for inspection at 9.30. Ship & crew inspected by Comdg. Officer Light breeze from Sa & Ea, & Na & Wa.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	WNW.	1											
2			NNW	NE	2											
3			"	"	0-1											
4			"	"	1		30.00	79	79	77		Cc.	cicum	6	8	
5			"	"	1											
6			"	"	1											
7			N	"	1											
8			"	"	1		30.06	80	78	75		Cc	cicum	7	8	
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.09	82	82	76		Cc.	cicum	6	8	

Lat. by D. R.

Long. by D. R. Monrovia Liberia

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.N.W.	N.W.	3											
2			"	"	3											
3			"	"	3											
4			N.W.	W.N.W.	3		29.97	82	82	77		Cc.	Ci Cum	8	5	
5			"	"	3											
6			"	"	2											
7			"	"	2											
8			"	"	2		30.04	82	82	79		Cc.	ci Cum	5	5	
9			"	"	2											
10			"	"	2											
11			"	"	2											
12			"	"	2		30.09	81	81	76		Cc.	ci Cum	9	5	

REMARKS:

March 27 th 1882

Weather disagreable & hot with light breze from N Ex NW at 9.30 went to quarters and Exercised at rowing drills. General quarters suspended on account of the heat. Recd. an official visit from the aide to the Governor of Sierra Leone who is visiting Monrovia in his yacht the "Prince of Wales" Exercised 3rd Div at target practice with Gatling gun expending 100 rounds. English mail boat Nubia came in and anchored.

LOG OF U. S. S. Essex 3 R. Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N. & W.	N.W.	1											
2			"	"	1											
3			N.E.	N.E.	1											
4			"	"	1		30.02	83-82	77			Clear	air	9	S	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			"	"	1		30.08	80	79	77		Clr.	Cirostrat	9	S	
9			"	"	1											
10			"	"	1											
11			N.W.	N.W.	1											
12			"	"	1		30.09	83	82	77		Clr.	Cirostrat	7	S	

Lat. by D. R. Monrovia Liberia

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	N.W.	1											
2			"		1											
3					2											
4			N.N.W		2		30.03	84	83	79		Clr.	Cirostrat	5-	S	
5					2											
6					2											
7					2											
8					2		30.10	80	81	77		Clr.	Cirostrat	5-	S	
9					2											
10					1											
11					1											
12					1		30.10	83	81	78		Clr.	Cirostrat	2	S	

REMARKS:

March 28th 1882

Weather clear & warm with light breeze from N.E. & N.W. Went to quarters for inspection at 9.30. During the morning H.M.S. Algerine, the Prince of Wales, the mail steamer Nubia & the American barque Monrovia got under way and stood out of the harbor. Recg. on board stores for Pay. dept. The Secretary of the Interior of the Republic of Liberia came on board to accompany the ship to Cape Palmas. Scraped spars during the Evening.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Course Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.N.W.	N×W	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.04	80	80	80	76	o.c. & t.	Nim	0	M	
5			N×E	N×E	2											
6			"	"	1											
7			"	"	2											
8			"	"	2		30.08	80	77	74		o.c.	Nim	0	S	
9			"	"	1											
10			"	"	1											
11			"	"	2											
12			"	"	2		30.08	80	82	77		b.c.	ai. & t.	5-	S	

Lat. by D. R. Monrovia

Long. by D. R. Liberia

Lat, by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Course Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N×E	N×E	1											
2			N	"	1											
3			"	N	1											
4			NNW	W	1		30.00	80	84	78		b.c.	ai. Cum	5-	S	
5			"	"	1											
6			"	"	3											
7	Departure		S W	W.S.W.	3											Steam alone
8	6	0	S E×S	"	2		30.05	82	82	77	83	b.c.	ai.	1	S	
9	6	5-	"	"	3											
10	5-	5	"	"	3											
11	5-	2	"	"	3											
12	6-	2	"	"	3		30.02	80	81	77	83	b.c.	ai. & t.	1	S	

REMARKS:

March 29th 1882

Weather Clear pleasant but warm with light breeze from Sea & Wa & Na & Ea Went to quarters at 9.30 and exercised at routine drills. Secured boats for sea and Starboard fires in four after boilers. At 5 30 called all hands up anchor and stood out to sea. At 6 o'clock took departure Monrovia light bearing (p.c.) E ½ N. dist about 1 ½ Miles. Took on board for transportation to Cape Palmas the private Secretary of the President of Liberia.

LOG OF U. S. S Essex. Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	4	SE×S	SW	1											Steam
2	5	0	"	"	1											
3	5	6	"	"	1											
4	3	4	"	"	4		29.99	80	79	76	83	ocdgl	nim	0	S	
5	Stopped		"	"	2											
6	"		NE	N	1											
7	4	6	NE÷E	"	2											
8	Stopped		S	SW	1		30.08	80	79	77	84	ocr.	nim	0	S	
9	"		SSW	NE	1											
10	"		E	"	1											
11	"		E.N.E.	N	1											
12	"			N×W	1		30.03	79	80	74	83	ai nim	ai nim	1	S	Steamer

Lat. by D. R.

Long. by D. R. Coasting

Lat. by Obs. Bassa Liberia

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	4	N×W 1/2 W	N.N.W.	1											
2	4	8	N×W 3/4 W	"	1											
3	4	0	N.N.W.	"	1											
4	Anchor		NE	"	1		29.97	79	80	74	83	fc	Ci Cu	1	S	
5	Bassa		W×N	"	1											
6	"		W	"	1											
7	"		"	"	1											
8	"		"	"	1		30.04	81	80	76		fc	Cirsh	0	S	
9	"		N	"	1											
10	"		SE	Variable	0-1											
11	"		SSE	"	0-1											
12	"			"	0-1		30.05	80	82	77		fc	cir	2	S	

REMARKS:

March 30th 1872

Weather warm & close with thunder squalls during the forenoon. Stopped Engines several times to get soundings. Found muddy bottom at from 20 to 36 fathoms. At 6 o'clock (stopped) sighted land bearing NNW to SSE. At 4.30 came to with port anchor in 7 1/2 fathoms of water with 45 fathoms of chain. Bassa Point bearing (S.C.) SSE ÷ E Dowell Point NE ÷ E. Sent a boat ashore with the Private Secretary of the President of Liberia to communicate with U.S. Consul & Banked fires.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S.S.E.	Variable	0-1											
2			"	W.S.W.	2											
3			"	"	1											
4			N.N.E.	N.W	1		30.00	79	80	78		B.C	cir cb	8	S	
5			"	"	1											
6			"	"	1											
7			N x W	W x W	1											
8			"	"	1		30.03	79	78	75		B.C.	cir st	8	S	
9			N	N.N.W	1											
10	Stopped		S.S.W.	W	1											Steam alone
11			S.W	"	1											
12	5	4	"	"	2		30.00	80	81	77	83	B.C.	cir Cum	7	S	

Lat. by D. R.

Long. by D. R. Bassa

Lat. by Obs. & Coasting off Timbo

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	S.S.E ¼ E	W.S.W	1											
2	6	0	"	"	1											
3	5	4	S.E ½ S	W	2											Steam
4	3	4	S.S.W.	"	2		29.95	81	80	78	83	B.C.	cir Cum	8	L	
5	Stopped		N.E	N.W	1											
6			N.E x N	"	1											
7	2	6	S.S.W.	"	1											
8	4	8	"	"	2		29.99	81	81	78	83	B.C.	cir Cum	2	L	
9	5	2	"	"	2											
10	2	4	S.S.E	"	2											
11	4	8	"	"	1											
12	4	8	"	"	2		30.00	81	81	79	83	ocrl	nim	0	L	

REMARKS:

March. 31st. 1882

Weather clear pleasant and warm with light breezes from N.a & W.a. At 8 o'clock received an official visit from the U.S. Consul & Bassa. At 9.30 mustered & inspected at quarters Exercised at Naval brigade. At 10 called all hands and hove up the port anchor and stood down the coast under Steam. At 3.50 pointed the ship West and stopped the Engines by order of the Commanding Officer. Mustered at quarters at 4.20 fired 4 IX" Shell expending 40 lbs of powder

Appd A. H. McCormick
Commdg U.S.S. Essex

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick Lieut.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5		SSE	W.S.W.	1-2											
2	5		"	"	1-2											Steam
3	5		"	"	1-2											
4	5		"	"	1		29.96	81	81	77	83	ocdl	Nim	0	L	
5	6		"	N.W.	1-0											
6	4		S.E	"	2											
7	Stopped		"	"	2											
8	2	6	N.E.	N.W.N	2		30.01	81	80	77	83	V.C.	Cum	6	L	
9	"		N.N.E	"	2											
10	Stopped		"	"	2											
11	"		"	"	2											
12	"		S.W	"	2		30.02	80	80	78	83	ocr.	Nimb.	2	L	

Lat. by D. R. Sembo

Long. by D. R. Liberia

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	N.N.W.	N.W.	4											
2	3	0	"	"	4											
3	4	0	"	"	4											
4	Anchored		N.W.	"	3		29.95	80	79	76		V.C.	Nim	1	L	
5	"		"	"	3											
6	"		"	"	3											
7	"		"	"	2											
8	"		"	"	3		30.01	80	79	76		o.c.	Nim	0	L	
9	"		"	"	2											
10	"		"	"	4											
11	"		"	"	3											
12	"		"	"	3		30.07	79	79	74		o.c.	Nim	0	L	

REMARKS:

April 1st 1872

Weather overcast + raining with thunder + lightning. Sighted land ahead at 6.50 A.M. at 8 Stopped Engines and took soundings 34 fathoms soft mud. at 8.30 took another with same result. At 9 got 31 fathoms and at 10.15 - 29 fathoms. At 8.15 - called all hands trim Ship to an anchor and at 9.35 - came to in 9 fathoms S & water with 45 fathoms of Chain South Point - S E × E ¼ E. North point N E ¼ E Light - House N W × N Sent a boat ashore, Mustered at quarters at 5.45 -

LOG OF U. S. Steamer Essex Commanded by Commander A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	N.W	3											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.00	78	77	73		o.c.	nim	0	2	
5			"	"	2											
6			W.N.W.	"	1											
7			"	"	1											
8			"	"	1		30.06	78	77	73		o.c.	nim st	0	2	
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.08	78	80	73		o.c.	nim st	0	2	

Lat. by D. R.

Long. by D. R. Sierra Leone

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		N.W.	"	1											
2	"		"	"	1											
3	"		W.S.W.	"	1											
4	"		"	"	1											
5	"		S	"	1		30.01	81	80	76		f.c.g.	Ci Cum	3	2	Steam.
6	6	0	"	"	1											
7	6	2	"	"	1											
8	6	2	"	"	1		30.08	80	80	77	83	f.c.g.	Ci Cum	8	2	
9	6	2	S E ½ S	"	6											
10	6	4	"	"	1											
11	6	4	"	"	0											
12	6	4	"	"	1		30.10	80	80	77	80	f.c.g.	Ci Cum	8	2	

REMARKS:

April 2nd 1882

Weather overcast with light breze from N.W. & S.W. at 9.30 called all hands to muster and read Articles of War Attorney General Rose of Republic of Liberia visited the Ship. The following promotions were made. S.S. Lawrence C.A. Lindner, Wm Mayflen W.T Dames & Jno. Chinn to 1.C.B. W.H. Wilson & Jno. Chinn to O.V.2C.

Senators Fuller & Sherman of the Republic of Liberia Came aboard for passage to Cape Palmas. Called all hands up anchor at 4 P.M. and at 4.55 took departure Bloobarra Pt. bearing E x S distant one mile

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	2	SE½S	SE×E	1											
2	6	6	"	"	1											Steam
3	6	4	"	"	2											
4	6	4	"	"	1		30.04	79	75	82	82	o.cl.	nim	0	S	
5	6	5	E×S½S	"	2											
6	6	6	"	"	2											
7	6	4	"	"	2											
8	6	8	N×W	"	2		30.07	80	81	77	82	F.C.	ci.cu.	1	S	
9	6	8	"	NW.	2											
10	6	8	"	"	2											
11	5½	6	NNW.	"	2											
12	Anchor		"	"	2		30.09	82	81	77	82	F.C.	ci	1	S	

Lat. by D. R.

Long. by D. R. Cape Palmas

Lat. by Obs. Liberia

Long by Obs. W. C. A.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW.	N×W	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.00	80	81	79		o.c.	nim	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.05	81	81	79		F.C.	ci.cu.	4	S	
9	"		WNW	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.12	80	80	77		o.c.	ci.st.	0	S	

REMARKS:

April 2nd 1862

Weather warm and overcast. At 7.00 took departure sounding and found 60 fathoms of water. Sighted land at daylight bearing N.E. Dispensed with general quarters on account of the heat at 9.30 went to quarters and exercised at routine drills. At 12.10 came to off Cape Palmas in 7 fathoms of water and veered to 30 fathoms of starboard cable. At 1.0 the Liberian Officials went ashore. Loosed sail at 1.10 Bearing of anchorage, W. Pt. Russalled Da, S.E. Wreck E⅛S Furled sail at 4.30.

LOG OF U. S. S. Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			NW	NW	1											
2	Anchor		"	"	1											
3			"	"	2											
4			"	"	2		30.03	80	79	75		b.c.	ai.Cu.	4	2	
5			NxW	NxW	2											
6			"	"	1											
7			"	"	1											
8			W	"	1		30.10	80	78	76		b.c.	ai.Cu	6	2	
9			"	S	1											
10			"	"	1											
11			SSW	"	1											
12			"	"	1		30.09	80	80	79		b.c.	ai	7	2	

Lat. by D. R.

Long. by D. R. Cape Palmas Liberia

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		WxS	WxS	1											
2	"		"	"	2											
3	"		W	"	3											
4	"		"	"	3											
5	"		"	"	3		30.00	81	80	76		b.c.	ai	9	5	
6	"		"	"	3											
7	"		"	"	3											
8	"		"	"	3											
9	"		"	"	3		30.07	80	81	76		b.c.	ai Cum	8	5	
10	"		"	"	3											
11	"		"	"	3											
12	"		"	"	3		30.09	80	79	76		b.c.	ai	4	5	

REMARKS:

April 4th 1892

Weather Clear & pleasant with light breeze from N x W x & W. At 9 A.M. went to quarters and exercised at routine drills. Sent Caterers & messes ashore to get stores Mustered at quarters at 5-45.

LOG OF U. S. S. Essex Commanded by Commander A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W.N.W.	WNW	1											
2	"		"	"	2											
3	"		W x N	"	1											
4	"		"	"	1		30.00	50	76	76		bcl.	ci	9	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.02	50	79	76		bcl.	ci cu.	9	S	
9	"		"	"	1											
10		5	S.W.		2											Steam
11	7	6	S.S.W.	W	1											Flying jib + Spanker
12	7	8	"	S x W	2		30.01	81	81	77	80	bcl.	ci	1	S	

Lat. by D. R. 4 . 7 . 13 North

Long. by D. R. 7 . 46 . 28 West

Lat. by Obs.

Long by Obs.

Dist. per Log, 15.9 Knots

Rate of Current,

Set " "

Variation of Compass, 20° W

1	8	0	S.S.W.	S x W	1											
2	8	0	"	"	2											Took in jib Flying jib + Spanker.
3	7	8	"	S.W.	3											
4	7	4	"	"	3		30.02	83	83	77	83	bc.	ci cu.	2	a	
5	6	0	"	"	2											
6	6	0	"	S.	3											
7	6	2	"	"	3											
8	6	0	"	"	3		30.02	82	82	77	80	bc.	ci st.	5	a	
9	5	6	"	"	3											
10	5	8	"	"	3											
11	6	4	"	"	2											
12	6	8	"	"	2		30.04	82	82	76	85	bc.	ci	6	a	

REMARKS:

April 5th 1882

Weather warm + foggy. light Breeze from Southard + Westward At 9.45 Called all hands up anchor and at 9.51 took departure Cape Palmas light bearing (p.c.) S E x E ½ E dist 1¼ miles. ship head S W Draft forward 15'6" and aft 15'6" Secured anchors for sea unbent Cables + sent them below. Unshipped davit stanchions and sent ridge rope below. quarters at 4.45

LOG OF U. S. Steamer "Essex" Commanded by Comd. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	2	SSW	S	2											
2	6	8	"	"	2											Steam
3	7	0	"	"	2											
4	7	0	"	"	2		30.01	68	82	77	85-	F.C.	Ci. Cu	2	2	
5	6	0	"	"	2											
6	6	0	"	"	2											
7	6	0	"	"	2											
8	6	5-	"	S x E	2		30.08	68	81	77	85-	F.C.	Cir	8	5	Fore + aft sail
9	6	0	"	"	2											
10	6	2	"	"	1											Took in Topsail
11	6	8	"	"	1											
12	6	5-	"	"	1		30.08	68	82	76	85	F.C.	Cir Cu	8	2	

Lat. by D. R. 1° . 22' . 83" N

Long. by D. R. 7 . 52 . 10 W

Lat. by Obs. 1 . 28 . 17 N

Long by Obs. 7 . 41 . 15- W

Dist. per Log, 154.9 Knots

Rate of Current, 5- knots per hour

Set " " N 64° E

Variation of Compass, 20° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	4	SSW.	WSW.	2											
2	7	0	"	"	2											
3	4	0	"	"	1-2											All plain sail ex mainsail + Staysl
4	1	2	SSE.	S. W	1		30.02	68	80	77	85-	F.C.	Ci Cu	8	2	
5	1	0	SE-S	"	1											
6	1	0	"	"	1											
7	1	0	"	"	1											
8	1	0	SE ½ S	"	1		30.02	68	80	77	85-	"	"	7	2	
9	1	0	"	"	1	½										
10	1	6	"	S W x S	1	½										
11	1	04	W x 2	"	1	½										
12	1	4	"	"	1	½	30.07	68	82	77	85-	"	"	6	5	

REMARKS:

April 6th 1882

Warm + pleasant with light breeze from SE + W. Mustered at quarters and Exercised crew at routine drills. At 10.10 Commanding Officer gave orders to let Steam run down in all boilers except three in which were used for distilling Stopped Steaming and made all plain sail except Mainsail about 8 P.M. Mustering at quarters at 4.45-. At 5- hove to to pick up some chickens which were dropped overboard caught three sharks at 5 o'clock. Wore ship at 11.40 and Exercised at fire quarters at 11.50 P.M.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	6	W	S×W	1-3											
2	3	0	"	"	2											Plain sail except M-
3	2	0	"	"	1-2											sail
4	1	6	W×N	"	1-2		30.02	82	81	77	85-	ood	Nim	0	S	Hamlin down trust-Studsl
5	1	6	W	"	1											
6	1	6	"	"	1											Set main trip sail.
7	2	0	W½N	"	2											
8	3	0	W½S	"	2		30.03	83	82	78	85-	B.O.	Ci Cu	4	S	
9	4	0	W×S	"	2	1										
10	4	0	"	"	3	2										
11	4	0	SW×W	S×E	3	2										Set fore topmast stays'l.
12	4	5-	W.S.W.	S	3	2	30.04	83	82	78	85-	B.O.	Ci Cu	5-	S	

Lat. by D. R. 51.03-N

Long. by D. R. 8.9.45-W

Lat. by Obs. 53.14.N

Long by Obs. 8.9.00 W

Dist. per Log, 63.9 Knots

Rate of Current, 2 Knots

Set " " N

Variation of Compass, 20°W

1	4	0	W×S	S	2	¼										
2	3	0	WSW½W	S×E	2	¼										
3	2	0	"	"	1	¼										
4		5-	SE½S	S.W.	1	¼	30.00	88	81	78	85-	Oc	Cicumin	6	S	
5		06	W½S	S×W	1-2											
6	6	0	S W×W	S.E.	1-2											
7	2	0	"	"	1-2											
8	2	0	SWXS	"	1-2		30.01	88	81	78	85-	B.O.	Nim	2	S	
9	1	0	SW½S	SE×S	0-1	2										
10	1	0	S W	SSE	0-1	2										
11		5-	W×S	S×W	0-1	2										
12	1	0	W	SSW	0-1	2	30.03	83	80	78	84	B.O.	Ci Nim	2	S	

REMARKS:

April 7th 1882

Overcast and cloudy with passing showers. At 9.15- Sounded the fire alarm all divisions reported ready in 5 m. Sounded the alarm again and all divs were ready in 1 m 00 s. Secured in 3 m. 30 s Wore ship at 8 P.M. Overhauled forward bilge pumps and found them in good order. Quarters at 8 P.M.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	0		NNE.	1											
2		5-		"	1											Brutus up to trysail
3	Ns	steering	way	Calm	0											Plain sail to royals
4	"	"	"	"	0		2996	81	80	78	84	cs.	ci nim	0	∝	Except main sail.
5	1	0	W	SSW	0-1											
6	2	8	"	"	1-3											
7	2	8	W½N	"	2											
8	3	0	WxS	SxW	2		30.02	80	79	76	84	Co.	ci nim	0	L	Set mainsail
9	2	0	SSW	ESE	2	1										
10	3	0	WxS½S	SSE	2	1										
11	2	4	W½S	S	1-2	½										
12	1	5-	"	"	1-2	½	30.04	80	81	77	85-	Bc.	ci nim	1	L	

Lat. by D. R.	30 . 13 N	Dist. per Log,	41.6 Knots
Long. by D. R.	8 . 29 . 39 W	Rate of Current,	1 Knot.
Lat. by Obs.	47 . 50 N	Set " "	N 48 W
Long by Obs.	8 . 49 . 03 W	Variation of Compass,	20° W

1	1	5-	WSW½W	S	1-2	2										
2	2	0	WxS	SxW	2	1½										
3	1	6-	WSW½W	S	1	2										
4	1	5-	SWxW½W	SxE	1	2	29.95-	82	81	77	84	Bc.	ci cum	9	L	
5	1	6	SWxS	S.E.	1	½										
6	1	6	SWxW	SxE	2	½										
7	2	0	SWxW½W	"	2	½										
8	1	8	WbSW.	"	1		30.00	82	81	77	84	Bc.	ci cum	4	L	
9	2	5-	"	"	2	½										
10	3	4	SSW½W	"	2	½										
11	3	6	W½S	"	2-3	½										
12	2	0	W	SxW	2	½	30.05-	81	80	77	84	Bc.	Ci Cum	7	L	

REMARKS:

April 8th 1882 ~~187~~

Overcast + rainy with light Breeze from Sa & Wa & Sa + Ea At 7.30 Set Wg sails + flying jib and Spanker. Lowered Smoke stack at 10. Lost a Battle Axe overboard. Quarters at 4.45-

LOG OF U. S. S. "Essex," Commanded by Comdr. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	W×N	SSW	1											
2	1	0	NNW	SW×S	1											All plain sail except Main trysail
3	1	0	W	Variable	1											
4	1	0	WSW	2	0-1		29.98	82	82	77	83	Vc.	ci cum	9	d	Foot in Mainsail
5	No observ	ation	owing	Calm	0											Brailed up Spanker
6		"	"	"	0											
7		S-	W×N	S	0-1											Set Mainsail
8	1	0	W	"	0-1		30.02	80	81	78	83	Vc.	ci st.	7	d	
9	1	6	"	S×W	0-1											
10	1	6	"	"	0-1											Hauled down Stmsail
11		6	"	"	0-1											
12		6	"	"	1		30.08	84	83	78	83	Vc.	Cum st.	S-	d	

Lat. by D. R. 24 . S-0 N

Long. by D. R. 9 . 14 . 21 W

Lat. by Obs. 49 . 12 N

Long by Obs. 9 . 57 . 00 W

Dist. per Log, N

Rate of Current, 1.25 Knots

Set " " N 44 W

Variation of Compass, 21-30 W.

1	Calm		NNW		0											
2		S-	W×N	S×W	0-1											
3	2	S-	W ½ N	"	1-2											
4	3	S-	W	"	2	½	30.00	82	80	77	84	Vc.	ci cum	4	d	Set fore topmast Stmsail
5	3	S-	W ½ N	SSW	2	½										
6	4	0	W ¾ S	"	2	½										
7	4	2	"	S.W.	2	½										
8	5-	2	WSW ½ W	"	4	½	30.02	82	81	78	84	Vcg.	ci cum	7	d	Set trysail
9	6	0	"	S	3	½										
10	5-	4	W ¾ S	"	3	½										
11	5-	0	W×S	S×W	3	½										
12	4	0	"	"	3	½	30.09	82	81	77	84	Vcg.	Ci	8	d	

REMARKS:

April 9th 1872

Warm + pleasant weather with very light breeze from the Sa + Wa. Made + took in sail as shown above. Muster at quarters at 9.30 when the Commanding Officer inspects Ship + Crew.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	W	S×W	3											Plain Sail to Royals
2	4	0	"	"	3											
3	5-	0	W×S	"	3											
4	5-	4	WSW	S×E	3		30.05-	80	78	83	84	Br.	ci cum	9	S	
5	8	5-	"	"	2	1/4										
6	3	5-	"	"	2	1/4										
7	3	5-	W×S	"	2	1/4										
8	3	0	W½S	SSW	2	1/4	30.08	82	80	76	83	Br.	ci st.	9	S	
9	3	8	W½S	SW	3	1/4										Took in Spanker & Weather Clew of M. Sail.
10	4	2	WSW½W	"	3	1/4										
11	4	4	"	"	3	1/4										
12	5-	0	W×S	"	3	1/4	30.05-	82	81	77	83	Br.	ci st.	9	S	

Lat. by D. R. 6'. 24 .. N

Long. by D. R. 24 . 30 W

Lat. by Obs. 11 . 15-. 45. W

Long by Obs. 24 30 W

Dist. per Log, 104

Rate of Current, 28/24

Set " " N 46. W

Variation of Compass, 19. 45° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.
1	5-	8	W½S	S×W	4	½									
2	6	0	W×S	S½W	4	½									
3	5-	8	WSW½W	"	3-4	1/4									
4	5-	8	WSW	S	3-4	1/4	30.00	82	81	77	83	Br.	ci cum	7	S
5	5-	7	WSW½W	"	3-4										
6	5-	2	WSW	"	3-4										
7	4	5-	WSW½W	"	3	½									
8	4	5-	WSW	"	3	½	30.04	82	80	77	83	Br.	ci cum	8	S
9	4	4	"	"	3	1/4									
10	4	0	SW×W	S×E	3	1/4									
11	4	9	SW×W½W	"	3	1/4									
12	4	4	W.S.W.	"	3	1/4	30.07	82	80	77	80	Br.	ci cum	7	L

REMARKS:

Monday April 10th 1882

Weather warm & pleasant with light breeze from S.a.t. Bra. Brailed up Spanker in order to spread awnings. Exercised at general quarters at 9.1-

Mustered at quarters at 4.45- P.M.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	SW x W	S x E												All plain sail
2	5-	0	"	"												
3	6	0	"	"												
4	6	0	"	"			29.96	41	84	76	83	F.C.	Cirrus	4	S	
5	7	0	"	"												
6	7	0	SW	S S E												
7	6	0	"	"												
8	6	0	"	"			30.02	81	81	77	82	F.C.	Cirrus	4	S	
9	6-	6-	SWSW	S x E												
10	6	0	"	"												
11	4	5-	"	S												
12	8	4	"	"			30.00	82	82	77	82	F.C.	Cirrus	8	S	

Lat. by D. R. 1. 02. 18 S

Long. by D. R. 12. 45. 3 W

Lat. by Obs. 89. 44 S

Long by Obs. 18. 2. 33 W

Dist. per Log, 124 Miles

Rate of Current, $\frac{24}{24}$

Set " " N 57° W

Variation of Compass, 21° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	W x S	S	1/4											
2	8	0	"	"	1/4											
3	2	6	"	"	1/4											Set Spencer
4	2	8	"	"	1/2		29.98	82	82	77	83	F.C.	Cirrus	1	S	
5	8	0	"	"	1/4											
6	4	0	W	S x W	1/4											
7	5-	0	"	"												
8	5-	0	"	"			30.02	81	81	77	83	F.C.	Cirrus	1	S	
9	4	0	W x S	"												
10	8	5-	"	"												
11	4	0	W ½ S	"												
12	4	0	W x S	"			30.01	82	81	76	83	F.C.	Cirrus	6	S	

REMARKS:

April 11th 1892

Light breeze from Sd + Ed + Sd + Wd the weather being cloudy and warm At 9.30 mustered at quarters and exercised at Boxtun drills. At 4.0 shortened sail for exercise, and made sail again

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	2	W½S	S	3	¼										All plain sail
2	4	4	W¾S	"	3	¼										
3	4	4	W×S	"	3	¼										
4	5	8	SW×W	S×E	4	¼	29.97	80	80	76	83	o.c.	Nim	0	L	
5	5	0	WSW½W	S	3											Took in royals & f. jib
6	3	0	W.S.W.	"	2											
7	3	0	SW×W	S×E	2											
8	4	0	"	"	2		30.03	80	78	75	83	o.c.	Nim	0	L	Set royals & f. jib
9	4	2	"	"	2											
10	5	0	W.S.W.	"	2											
11	5	2	"	"	2											
12	4	5	"	"	2		30.06	82	81	77	83	Good	Nim	0	L	

Lat. by D. R.	1	82	49	South
Long. by D. R.	14	24	57	West
Lat. by Obs.	1	20	47	South
Long by Obs.	14	45	21	West

Dist. per Log, 92 1/2 Knots.
Rate of Current,
Set " "
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	8	"	S×E	2											All plain sail
2	2	5	"	"	2											
3	2	5	W×S	S	2											
4	2	5	WSW½W	"	2		29.97	80	78	75	83	B.c.	Cir.Cum	1	L	
5	1	8	W.S.W.	"	1	½										
6	1	0	SW×W	"	1											
7	1	0	"	S×E	1											
8	1	4	"	"	1		30.02	80	80	76	83	B.c.	Cir.Cum	6	L	
9	3	0	"	S.S.E.	1-2											
10	3	2	"	"	1-2											
11	5	0	"	"	2-3											
12	4	4	"	"	2-3		30.06	80	79	76	83	B.c.	Cir.Cum	6	L	

REMARKS:

April 12th 1892

Weather overcast and hot with light breeze from Sd & Ea Mustered at quarters at 9 30 and Exercised at routine drills. At 11.25 - Sighted a brig standing to the Nd & Wd. Mustered at quarters and instructed crew in gunnery at 4.45 - P.M. Called all hands and exercised in short-ening sail

LOG OF U. S. St. "Essex" Commanded by Comdr. A. H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	SW×W	S×E	1											
2	2	0	"	"	1											
3	3	0	"	SSE	2											
4	3	0	"	"	2		30.00	80	79	76	82	F.C.	Cir-st	4	L	
5	4	2	"	"	3	1/2	3									
6	5	0	"	"	3	1/4										
7	5	2	"	"	3	1/4										
8	5	4	"	"	3	1/4	30.05	80	80	79	82	F.C.	Cir-st	7	L	
9	5	8	"	"	3											
10	5	8	"	"	3											
11	5	8	"	"	3											
12	5	6	"	"	3		30.06	81	81	76	83	F.C.	Cir-st	5	L	

Lat. by D. R. 2°.28'.41" South
Long. by D. R. 15°.06'.15" West
Lat. by Obs. 2°.20'.00 South
Long by Obs. 15°.03'.02 West

Dist. per Log, 76 Miles
Rate of Current,
Set " " N. 21° E.
Variation of Compass,

1	6	0	SW×W													
2	6	2	WSW	SSE	3											
3	6	6	"	"	3											
4	7	0	"	"	3-4		30.03	82	83	77	82	F.C.	Cir-st	4	L	
5	7	0	"	"	4											
6	7	0	"	"	4											
7	6	8	"	"	5											
8	8	0	"	"	5		30.03	81	81	77	82	F.C.	Cum-st	7	L	
9	8	6	"	"	5											
10	8	6	"	"	4											
11	8	4	"	"	4											
12	8	4	"	"	5		30.05	80	80	77	82	F.C.	Cir-Cum	5	L	

REMARKS:

April 13th 1872

Warm and pleasant weather with Moderate breeze from the Sd & Ed. At 9.30 went to quarters and mustered crew and Exercised at routine drills. At 12.30 Changed course to WSW By order of Commanding Officer. At 4.45 Mustered at quarters.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	4	W.S.W.	S.S.E.	4											All plain sail
2	8	4	"	"	4											
3	8	4	"	"	4											
4	9	0	"	"	4		30.01	80	80	77	83	b.c.	ci cum	9	L	
5	8	0	"	"	4											
6	7	5-	"	"	4											
7	7	5-	"	"	4											
8	7	0	"	S E x S	4		30.05-	82	80	76	82	b.c.	ci cum	9	M	Set M trysail
9	7	2	"	"	4											
10	7	4	"	"	4											
11	7	6	"	"	4											
12	7	4	"	"	4		30.03	81	79	76	82	b.c.	Nim	2	M	

1	7	8	WSW	S x E	4											Took in M sail.
2	7	8	"	"	4											
3	8	0	"	"	4											
4	8	6	"	"	5		30.03	81	81	76	82	bc	Cum	5-	M	
5	8	0	"	"	5-											
6	8	6	"	"	5-											
7	6	0	"	"	5-											Took in reg sails & furled.
8	8	0	"	"	5-		30.04	81	80	76	82	bcg	Cum	5-	M	
9	8	4	"	"	5-											
10	8	4	"	"	5-											
11	8	4	"	"	5-											
12	8	4	"	"	5-		30.05-	81	80	76	82	bcg	Cu St.	9	M	

Lat. by D. R.	4	24	48	Dist. per Log,	179 Knots
Long. by D. R.	17	41	02	Rate of Current,	5-/24 Knots
Lat. by Obs.	4	22	00	Set " "	N. N. W. ¼ W.
Long by Obs.	17	45-	45-	Variation of Compass,	

REMARKS:

Friday April 14th 187

Overcast and cloudy with light breeze from the Sd & Ea mus terin at quarters at 9.30 and exercised at routine drills at 11.30 Ship riding easily to long sea from Sd. Mustered at quarters and inspection crew at gunnery at 4.45- PM.

LOG OF U. S.

Commanded by

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Set of Current,

Variation of Compass,

1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

REMARKS:

_____ 187

April 15, 1882
Data Unavailable
See USS Essex Log
Book 8-9
(November 12, 1881-
May 16, 1882)

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	6	WSW	SSE	4											
2	6	0	"	"	4											Plain sail to royals except mainsail
3	5	8	"	"	3											
4	5	8	"	"	3		30.04	80	79	74	82	Bc	ci Cum	9	S	
5	6	8	"	"	3											
6	6	4	"	"	3											
7	5	4	"	"	3											
8	5	0	"	"	3		30.10	80	79	78	81	Bc	ci Cum	7	S	
9	5	2	"	SE	3											Set fore + main t'gnt + fore topmast studsail
10	5	0	"	"	3											
11	4	8	"	"	3											
12	4	4	"	"	2-3		30.12	82	81	76	82	Bc	ci Cum	9	S	

Lat. by D. R. 7 - 50 - 35 S

Long. by D. R. 21 - 58 - 30 W

Lat. by Obs. 7 - 45 - 48 N

Long by Obs. 22 - 15 - 12 W

Dist. per Log, 143

Rate of Current, 1/4 Miles

Set " " N 74° W

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	5	WSW.	SE x S	2-3											
2	3	0	SW x W ½ W	"	2-3											
3	3	5	"	"	2-3											
4	4	5	"	"	3		30.05	82	81	76	82	Bc	ci Cum	9	S	
5	3	8	"	"	2											
6	3	8	"	"	2											
7	4	2	"	"	2											
8	4	2	"	"	2		30.10	81	80	78	82	Bc	ci Cum	6	S	Q.1s - Set mainsail
9	4	0	"	"	2											
10	4	0	"	"	2											
11	4	0	"	"	2											
12	4	4	"	"	2		30.14	80	79	75	82	B	-	10	S	

REMARKS:

April 16th 1872

Warm and pleasant with light breeze from S.E. & E.S.E. Mustered at quarters at 9 A.M. when the Comdg. Officer inspected the ship & crew. Changed course to S W x W ½ W at 1 P.M. Evening quarters 4.45 P.M. Stopped distilling at 8 P.M.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	5	SW×W½W	SE×S	1-2											
2	3	5	"	"	1-2											All plain sail with topsls + topmast studsls
3	3	0	"	"	1-2											
4	3	0	"	"	1-2		30.10	80	79	74	82	Cr.	cirst-	9	C	
5	3	8	"	"	2											
6	3	0	"	"	2											Look in spanker + trysail
7	3	0	"	"	2											
8	3	2	"	"	2		30.09	80	79	76	81	Cr.	cirst-	9	C	
9	3	2	"	"	2											
10	3	0	"	"	2											
11	3	4	"	"	2											
12	3	8	"	"	2		30.15	81	81	76	81	Cr.	cirst-	9	C	

Lat. by D. R. 8.46.9 S

Long. by D. R. 23.13.51 W

Lat. by Obs. 8.46.40 S

Long by Obs. 23.26.42 W

Dist. per Log, 92 K

Rate of Current, ¼ Knots

Set " " S. 88° W.

Variation of Compass,

1	0	0	SW×W½W	SE×S	2											
2	2	8	"	"	2											
3	8	2	"	"	2											
4	8	9	"	"	2-3		30.09	81	81	76	81	Cr.	cirst	5	C	
5	8	5-	"	"	2											Set spanker
6	4	5-	"	SE	3											
7	4	0	"	"	3								a			
8	3	0	"	"	3		30.17	81	80	75	82	Cr.	cirCum	6	C	
9	3	6	"	"	2											
10	3	8	"	"	2											
11	4	0	"	"	2											
12	4	0	"	"	2		30.17	81	80	75-82		Cr.	cirCum	)	C	

REMARKS:

April 17th 189-

Clear and pleasant with light breeze from Id + Ea. Mustered and inspected at quarters at 9.15 – At 9.30 commenced the call of "Surprised by an enemy"; All hands rallied at the mainmast pipes down at 9.32. At 9.10 called all hands to muster and fire station bill for clearing ship for action. At 4.30 called all hands clear ship for action. When the ship was cleared for action the Commanding Officer inspected.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	SSW½W	SE	2											
2	3	2	"	"	1-2											All Plain Sail with fore + main topt + fore topmast studnsls.
3	3	0	"	"	1-2											
4	3	8	"	"	2		30.14	80	79	75	80	Fc	CiCum	9	K	
5	3	5	"	"	2											
6	4	0	"	"	2											
7	3	5	"	"	3											
8	4	5	"	SE×E	3		30.15	80	80	75	81	Fc	CiCum	9	K	Took in Spanker
9	4	5	"	"	3											
10	4	2	"	E×S	3											
11	4	0	"	"	3											
12	3	6	"	"	2		30.16	80	81	76	81	Fc	CiCum	9	K	

Lat. by D. R. 9 . 49 . 46.5

Long. by D. R. 24 . 29 . 48 W

Lat. by Obs. 10 . 00 . 35-5

Long by Obs. 24 . 39 . 42 . W

Dist. per Log, 104

Rate of Current, 14/24 mile

Set " " S 41 W

Variation of Compass,

1	3	5	SW×½W	"												
2	3	0	"	"												
3	3	0	"	"												
4	3	6	"	"			30.16	81	82	77	81	Fc	CiCum	8	K	
5	3	6	"	SSE												
6	3	4	"	"												
7	4	0	"	"												
8	3	5	"	E×S			30.15	81	82	77	81	Fc	CiCum	8	K	Took in Spanker
9	4	0	"	"												
10	4	4	"	"												
11	4	4	"	"												
12	4	2	"	"			30.18	80	80	76	81	Fc	CiCum	9	K	

REMARKS:

April 18th 1882

Weather warm and pleasant with light breezes from the Southward + Eastward. Mustered at quarters at 9 A.M. and Exercised at routine drills. Prepared to explode antifouling in a Whites torpedo at starboard forward boom but in rigging out the boom carried away. Hoisted it in and cut it up for fire wood. Exercised the marine guard at target practice. At 4 P.M. called all hands and had sail drill.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	Standing	E x S	2											
2	3	8	"	E x N	2											Plain sail except trysail + spanker. All light studsls except lower
3	3	5-	"	"	2											
4	4	0	"	"	2		30.08	81	79	78-	81					
5	4	0	"	E.N.E.	2											
6	4	0	"	"	2											
7	4	6	"	"	2-3											
8	5-	4	"	"	2-3		30.14	80	80	76	80					
9	4	0	"	E x N	3											
10	3	5-	"	"	3											Set lower studsls
11	4	5-	"	"	3											
12	4	5-	"	E N E	3		30.12	81	80	77	81					

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	2	"	N E x E	3											Took in jib and Port studsls. Set st. N. top st.
2	4	0	"	"	3											
3	3	8	"	"	3											
4	3	6	"	"	2		30.07	81	81	77	81	Fr.	ci Cum	6	E	Took in Mainsail and set Starboard studsl
5	3	0	"	"	2											
6	3	0	"	"	2											
7	2	4	"	"	1											
8	2	0	"	"	1		30.09	80	80	76	80	Fr.	ci Cum	5-	E	
9	2	0	"	N.E.	1											
10	2	0	"	"	1											
11	1	5-	"	"	1											
12	2	0	"	"	1		30.15	80	80	76	81	Fr.	ci Cum	5-	E	

REMARKS:

April 19 1872

Weather clear and pleasant — with light breze from N.a + E.a. Mustered at quarters at 9.15- and exercised at routine drills. At 4.5-0 called all hands and exercised at studding sail drill.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	SW×W½W	SE	2											All plain sail with Topmast + Topgt Studnsls
2	3	2	"	"	1											
3	3	0	"	"	1											
4	3	8	"	"	2		30.14	80	79	75-	80	F.C.	Ci. Cum	9	2	
5	3	5-	"	"	2											
6	4	0	"	"	2											
7	3	5-	"	"	3											
8	4	5-	"	"	3		30.15-	80	80	75-	81	F.C.	Ci Cum	9	2	
9	4	5-	"	"	3											
10	4	2	"	E×S	3											Set lower studnsls.
11	4	0	"	"	3											
12	3	0	"	"	2		30.16	80	80	75-	81	F.C.	Ci Cum	9	2	

Lat. by D. R.	11.	51.	57	S
Long. by D. R.	26.	25-	42	W
Lat. by Obs.	11.	54.	07.	S
Long by Obs.	26.	32	08	W

Dist. per Log,	65-
Rate of Current,	½ miles
Set " "	SS-6 W
Variation of Compass,	15-0 W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	2	SW×W½W	NE×E	3											
2	4	0	"	"	3											
3	3	8	"	"	2											
4	3	6	"	"	2		30.16	81	82	77	81	F.C.	Ci Cu	1	2	
5	3	0	"	"	2											
6	3	0	"	"	2											
7	2	4	"	"	1-2											
8	2	0	"	"	1-2		30.15-	81	82	77	81	F.C.	Ci Cu	8	2	Took in Spunker
9	3	0	"	NE	1-2											
10	2	0	"	"	1											
11	1	5-	"	"	1											
12	2	0	"	"	1		30.18	80	80	76	81	F.C.	Ci Cu	9	2	

REMARKS:

April 20th 1892

Weather warm and pleasant with light Breze from the southward + Eastward. Mustered at quarters at 9'5- and Exercised at routine drill. A large four masted Eng Cash Ship passed ahead standing to the Na + Ed. At 5.00 Called all hands and Exercised at shortening masts + furling sail.

LOG OF U. S. S. "Essex" Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	5-	SW x W ½ W	SE	2-3											All plain sail
2	8	5-	"	"	2											
3	8	0	"	"	2											
4	2	5-	"	"	2		30.10	79	76	74	81	F.	Cum	9	C	
5	2	4	"	"	2											
6	8	0	"	"	2											
7	2	4	"	"	2											
8	8	4	"	"	2		30.10	79	79	74	81	F.	Cum	8	C	
9	8	2	"	"	2											
10	2	8	"	"	2											
11	8	2	"	"	2											Set topmast & topgt studdsls
12	4	0	"	"	2		30.13	80	79	75-	80	F.	Cu st.	8	C	

Lat. by D. R. 12. 48. 13 S

Long. by D. R. 27. 17 03 W

Lat. by Obs. 12. 46. 06 S

Long by Obs. 27. 19. 39 W

Dist. per Log, 66

Rate of Current, ¼ mile

Set " " N 44 W

Variation of Compass, 14° 00' W

1	8	5-	SW x W ½ W	SE	1-2											Set fore course & studdsls
2	2	8	"	"	1											
3	2	2	"	"	1											
4	2	5-	"	"	1-2		30.08	80	80	78	80	F.	Ci st-	9	C	
5	1	5-	"	"	1-2											
6	2	5-	"	"	1-2											
7	1	4	"	"	1-2											
8	2	8	"	"	2		30.09	80	80	78	80	F.	Ci st-	8	C	
9	8	2	"	"	2											
10	8	6	"	"	2											
11	4	4	"	"	2											
12	4	2	"	"	2		30.11	80	79	74	80	F.	Ci st-	8	C	

REMARKS:

April 21st 1872

Warm & pleasant with light breezes from the Na & Ea Sent to fire quarters at 9 A.M. all divisions reported ready in 1 min 05 sec. Secured at 9.20 time of securing 2 h. 5 m. 5 s. Repeated the fire alarm and all divisions were reported ready in 1.25 & secured in 5.30. Scraped & sent up main trys'l & staff. Sent to quarters at 4.45 P.M. instructed crew in gunnery and immediately after quarters exercised at sail drill.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	6	SW.W½W	S.E.	2											Plain sail except sto. anker.
2	0	6	"	"	2											Port steadysto.
3	0	0	"	"	1-2											
4	3	0	"	"	1-2		30.10	79	78	75	80	F.C.	ci	9	α	
5	2	5	"	"	1											
6	2	5	"	"	1											
7	2	5	"	"	1											
8	2	5	"	"	1		30.15	79	78	75	80	F.C.	ci.st.	9	α	
9	3	0	"	"	1											
10	2	4	"	"	1											
11	3	0	"	"	2											
12	3	0	"	"	2		30.16	79	80	76	80	F.C.	ci st.	9	α	

Lat. by D. R. 13. 30. 17 S

Long. by D. R. 78. 12. 42 W

Lat. by Obs. 13. 36. 26 S

Long by Obs. 28. 20. 30 W

Dist. per Log, 81

Rate of Current, 10/24

Set " " S 49° W

Variation of Compass, 10° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	6	SW.W½W	E.S.E.												
2	3	7	"	"												
3	3	5	"	"												
4	3	2	"	"			30.15	81	82	77	80	V.F.	ci Cum	8	S	
5	3	6	"	"												
6	3	2	"	"												
7	4	0	"	"												
8	4	0	"	"			30.13	81	80	76	80	F.C.	Cum	5	S	
9	4	2	"	"												
10	4	2	"	"												
11	4	2	"	"												
12	4	2	"	"			30.09	81	80	75	80	F.C.	Cum	8	S	Set all otha Studsls.

REMARKS:

April 22d 1882

Weather clear and pleasant with very light airs from SE & E.S.E. Cleaned decks & aired bedding. Private Baltz for sleeping on post was given three days Solitary Confinement on Bread & water. Scraped Spanker & aft. Mustered at quarters and inspected the crew.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	2	SW ½ W	N.E.	2											
2	4	2	"	"	2											Plain sail except M. sail & spanker & all studsls.
3	3	5	"	"	2											
4	3	0	"	"	2		30.13	80	79	76	80	Fr.	cir	8	S	
5	3	2	"	"	2											
6	3	6	"	"	2											
7	3	2	"	"	2-3											
8	3	6	"	"	2		30.13	80	80	76	80	Fr.	cir	9	S	
9	3	0	"	"	2											
10	2	5	"	"	2											
11	1	5	"	"	2											
12	2	0	"	"	2		30.15	80	81	76	81	Fr.	cir	9	S	

Lat. by D. R. 14. 34. 10 S

Long. by D. R. 29. 19. 21 W

Lat. by Obs. 14. 38. 26. 5

Long by Obs. 29. 20. 18 W

Dist. per Log, 85 Knots

Rate of Current,

Set " "

Variation of Compass, 12° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	2	SW ½ W	N.E.	2											
2	2	0	"	"	1											
3	2	6	"	"	1											
4	2	0	"	"	1		30.04	80	82	76	80	Fr.	cir cum	8	S	
5	1	8	"	"	1											
6	1	2	"	"	1											
7	1	0	"	"	1											
8	1	0	"	E	1		30.1+	80	82	77	81	Fr.	ai cum	+	S	
9	1	6	"	E.S.E.	1											
10	2	0	"	S.E.	1											
11	1	5	"	"	1											
12	1	0	"	"	1		30.17	80	80	76	81	Fr.	cir	8	S	

REMARKS:

April 28rd 1887

The weather was clear and pleasant with light breeze & smooth sea. Muster at quarters at 9.30 after which the Commander, Officer inspected ship & crew. The barometer was reading during the day:

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	8	SW×W½W	SE	1											
2	2	0	"	"	1											Plain sail to royals
3	2	2	"	"	1											~~taught~~ Spanker
4	2	0	"	"	1		30.14	80	79	74	81	Fog.	cirrus	9	S	Lt. mast + Lt. stays.
5	2	0	"	"	1											
6	2	0	"	"	1											Furl'd mainsail
7	1	8	"	"	1											
8	1	8	"	E	1		30.10	80	80	75	81	Fog.	cirrus	9	S	Took in Spanker Studsl.
9	2	0	"	"	1											
10	2	0	"	"	1											10.30 Set Port Lower
11	1	6	"	"	1											+ fore topmast Studsl
12	1	5-	"	"	1		30.18	81	81	76	81	Fog.	cirrus	9	S	

Lat. by D. R.	15-.	.08 .	08 S
Long. by D. R.	29.	5-1 .	00
Lat. by Obs.	15.	07 .	04
Long by Obs.	29.	47 .	00

Dist. per Log, 38

Rate of Current, $\frac{\cdot}{6}$

Set " " N 75-0 E

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5	SW×W½W	E	1											
2	1	5-	"	"	1											
3	1	0	"	"	1											
4		5-	"	SSE	1		30.13	81	81	75-	82	Fog.	cirrus	1	S	
5		5-	"	"	0-1											Took in port Studsl
6	1	0	"	"	0-1 ½											
7	8	0	"	S×E	1-2											
8	8	0	"	"	2		30.17	81	79	74	82	ocd	Nim	0	S	Set Spanker took in Mn Trysail
9	8	6	"	SE×S	2											
10	8	2	"	"	2											
11	8	0	"	"	2											
12	8	0	"	"	2		30.17	80	79	75-	82	Fog.	cirrus Nim	8	S	

REMARKS:

Monday April 24 1882

Hazy + warm with light fresh from Sd + Ed. Exercised from 9.15-to 10 at general quarters. F. B. Barnes (Painter 2 C) was disratted for neglect of duty + John McGowan 2d was sentenced 5 days solitary confinement on bread + water for insubordination to Capt of Top. After quarters Exercised at making + shortening sail.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5-	SWxW½W	SSE	1											
2	1	5.	"	"	1											Plain sail to royals
3	1	5-	"	"	1											
4	2	0	"	"	1		30.14	80	79	78	80	Br.	ai cum	9	∠	
5	2	2	"	"	1											
6	2	8	"	"	1											
7	3	0	"	"	2											
8	2	4	"	"	2		30.14	79	79	74	80	Br.	ai cl	8	∠	
9	2	4	"	SSE	1											Set top'l- topmast + lower studnsl
10	1	8	"	"	1											
11	1	6	"	"	1											
12	1	6	"	"	1		30.18	79	80	76	81	Br.	ai cl-	5-	∠	

Lat. by D. R. 15°. 41. 2 S

Long. by D. R. 30. 02. 42 W

Lat. by Obs. 15°. 38. 25 S

Long by Obs. 30. 24. 21 W

Dist. per Log, 47

Rate of Current,

Set " "

Variation of Compass,

1	1	5-	SWxW½W	SSE	1											
2	2	0	"	"	1											
3	2	0	"	"	1											
4	1	7	"	"	1		30.14	80	80	75	81	Br.	ai cum	3	∠	
5	1	10	"	SSE	1											
6		8	WSW	S	1											Took in top'ls.
7	4	8	W	SxW	2											Set-
8	3	0	SWxW½W	"	2		30.18	80	78	73	80	Br.	ai cl-	2	∠	Set royals + flying jib
9	3	2	SWxW½W	SxE	2											
10	4	0	SWxW½W	"	3											Took in royals +
11	4	6	WSW	S	3											flying jib
12	4	6	SWxW½W	SxE	3		30.16	79	76	74	80	Fogr	Mist	2	∠	

REMARKS:

Tuesday April 25 1872

Warm + pleasant with light airs from Sa + Ea. Mustered at quarters at 9 a.m. and Exercised at Gunnery drill. The barometer steady at about 30.16. The ship was rolling easily to a long swell from Sa. Mustered at quarters at 4 p.m. after which Exercised at reefing topsails

LOG OF U. S. S. "Essex" Commanded by Comdr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	0	SW×W½W	SSE	4											Plain sail to royals
2	5-	0	"	"	4-5-											except mainsail
3	6	4	"	SE×S	4											Set royals
4	6	0	"	SSE	4-5-		30.10	80	79	75-80		Bgr	nim	1	L	
5	6	4	"	"	4-5-											
6	6	0	"	"	4-5-											
7	6	5-	"	"	4-5-											
8	6	5-	"	"	5		30.13	80	77	75-80		Bcg	nim	1	L	Took in royals
9	7	5-	"	"	5-											
10	7	4	"	"	5-											
11	6	4	"	"	5-											
12	6	6	"	"	5-		30.15	80	77	75-80		Bcg	Cir Cum	5-	L	

Lat. by D. R. 16. 57. 5 S

Long. by D. R. 31. 46 47. W

Lat. by Obs. 16. 37. 4. S

Long by Obs. 31. 9. 43 W

Dist. per Log, 100 knots

Rate of Current, N 70° W

Set " " 2.24

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	6	SW×W	SSE	5-											
2	6	5	"	"	5-											
3	6	8	"	"	5-											
4	7	9	"	"	5-		30.13	80	80	75-80		Bcg	Cir Cum	5-	R	Set mainsail
5	7	8	"	"	5-											
6	7	6	"	"	5-											
7	8	0	"	"	5-											
8	8	5-	"	"	5-		30.18	80	80	76 80		Bcg	Cir Cum	1	R	
9	9	0	"	"	6	¼										
10	9	0	"	"	6	¼										
11	9	0	"	"	6	¼										
12	9	0	"	"	6	¼	30.17	80	80	76 80		Bc	Cir Cum	4	R	

REMARKS:

April 26th 1892

Weather overcast + warm the wind being in squalls from the S.E. & E. Called all hands at 8.30 and reefed topsails and furled fore topgallant sail Mustered at quarters at 9.30 and set fore topsail. Sl. at 11.30. Set up and rove off preventer brace

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	9	0	SWxW	S.S.E.	6											Courses. topsails single reef topsails. jib & Stayfsail
2	9	0	"	16	6											
3	9	0	"	"	6											
4	9	0	"	"	6		30.16	80	79	78	80	Fog.	ci nim	7	R	
5	8	4	"	"	6											
6	8	4	"	"	6											
7	7	6	"	"	6											
8	8	0	"	"	6		30.20	80	79	75	79	Fr.	ci nim	6	R	
9	8	0	"	"	6											
10	8	0	"	"	6											
11	8	0	"	"	6											
12	8	5-	"	"	6		30.22	79	78	73	79	Fr.	ci Cum	5-	R	

Lat. by D. R. 18. 48. 40 S

Long. by D. R. 34. 7. 45 W

Lat. by Obs. 18. 49. 18 S

Long by Obs. 34. 29. 00. W

Dist. per Log, 198 Knots

Rate of Current, 14/24

Set " " S 88° W

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	2	SW ½ W	SExS	6	+12 -13 -13 -13 +13										
2	8	0	"	"	6											
3	8	2	"	"	6											
4	8	4	"	"	6		30.20	80	79	78	79	Fr.	ci Cum	6	M	
5	8	4	"	"	6											
6	8	4	"	"	6											Took in mainsail set main trysail
7	8	6	"	"	6											
8	8	8	"	"	6		30.21-	80	79	74	79	Fr.	ci Cum	3	R	
9	8	0	"	"	6											
10	8	0	"	"	6											
11	8	0	"	"	6											
12	8	5-	"	"	6		30.25-	78	77	71	78	Fr.	Ci Cum	3	R	

REMARKS:

April 27th 1882

Weather cloudy with stiff breeze from Nd + Ea ship rolling heavily Nmsterus + inspection at quarters and exercises at all hands repel boarders. Two sail reported from aloft- two points abaft the port beam. Sighted a barque standing to the Nd + Wd

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	2	SW ½ W	SE × E	6	4½										
2	8	0	"	"	6	4½										Plain sail to topsails. Ex capt mainsail
3	8	2	"	"	6	4½										
4	8	2	"	"	6	4½	30.21	80	77	71	78	Fog.	Cu Cum	5	M	
5	8	0	"	"	5											
6	7	4	"	"	5											
7	7	0	"	"	5											
8	7	0	"	"	5		30.20	79	77	71	78	Fog	Cir	9	M	
9	7	0	"	"	5											
10	8	4	"	"	5											
11	8	0	"	"	5											
12	8	0	"	"	5		30.30	79	78	74	78	Fog.	Cir Cum	8	M	

Lat. by D. R. 21 . 15' . 00 S

Long. by D. R. 36 . 41 . 27 W

Lat. by Obs. 21 . 11 . 52 S

Long by Obs. 36 . 53 . 42 W

Dist. per Log, 198 ft

Rate of Current, 42

Set " " N 77° W

Variation of Compass, 6° W

1	8	0	SW ½ W	ESE	5											
2	7	0	"	"	5											
3	6	5	"	"	4											
4	6	5	"	"	4		30.24	79	78	72	78	Fog.	Cir Cir.			
5	7	0	"	"	4											
6	7	0	"	"	4											
7	7	0	"	"	4											
8	7	2	"	"	4		30.29	79	76	72	78	Fog.	Cir Cir			
9	7	6	"	"	4											
10	7	0	"	"	5											
11	7	0	"	"	4											
12	7	4	"	"	5		30.29	76	76	71	78	Fog.	Cir Cir.			

REMARKS:

April 28 1862

Weather pleasant with stiff breeze from Sa + Ea ship rolling + pitching heavily. Mustered at quarters at 9 A.M. instruction signal + class. Sighted a brig off starboard beam standing to Wd + Ea shook out reefs and set royals and port fore topmast studdingsails. Mustered at quarters and exercised at reefing courses at 4 P.M.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	C	SW½W	ESE	4											
2	6	0	"	"	4											All plain sail except spanker
3	5	5	"	"	5-4											
4	5	0	"	"	5-4		30.27	75	75	71	77	Fr.	Cir Cum	9	L	
5	5	0	"	"	4											
6	6	C	"	"	4											
7	6	4	"	"	5-4											
8	6	2	"	"	3		30.26	77	75	71	77	Fr.	Cir Cum	9	L	Set f. jib & fore & aft studsls.
9	5	6	"	"	3											
10	5	0	"	"	3											
11	4	8	"	"	3											
12	5	0	"	"	3		30.31	77	77	71	77	Fr.	Cir Cum	6	L	

Lat. by D. R. 22 - 56 - 4 S

Long. by D. R. 38 - 47 - 28 W

Lat. by Obs. 22 - 56 - 53 S

Long by Obs. 38 - 50 - 45 W

Dist. per Log, 150 M.

Rate of Current, 1/4

Set " " N. 45 W

Variation of Compass, 4° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	4	SW½W	ExS	3											Set port lower studsl.
2	5	6	SW ½ W	"	3											
3	5	C	"	"	3											
4	5	0	"	"	3											
5	4	7	"	"	3		30.27	77	77	72	77	Fr.	Cir Cum	9	L	
6	4	5	"	"	3											
7	4	0	"	"	3											
8	4	0	"	"	3		30.27	77	77	72	77	Fr.	Cir Cum	8	S	Hauled down flying jib & t'gal
9	4	4	"	"	3											
10	4	4	"	"	3											
11	5	0	"	NE	3											Set all starbd studsls
12	5	0	"	"	3		30.25	77	76	71	77	Fr.	Cir	7	L	

REMARKS:

April 29th 1872

Weather clear & pleasant the breeze being light from the S & E the ship rolling easily to a long swell from the E & S at flying jib and t'gal studsls. at 8 a.m. Set 12 m changed course to S W ½ W At 4 P.M. a vessel was sighted astern standing to the S & E.

LOG OF U. S. S. "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	2	SW¼W	NE.	3											Plain sail to royals
2	5-	6	"	"	3											Except main sail flying
3	5-	0	"	"	3											pt + stays'l abroad
4	4	6	"	"	3		30.22	76	76	70	77	F.C.	Cir	9	L	Studdels.
5	4	0	"	"	2-3											Look in starbd topmast
6	3	5-	"	"	2-3											& lower studdel
7	3	6	"	"	2											
8	3	5-	"	"	2		30.20	76	76	70	75-	B.C.	Cir. St.	9	L	
9	4	0	"	"	2											Set lower & topmast studdel
10	2	8	"	"	2											
11	3	8	"	"	2											
12	4	0	"	"	2		30.24	76	77	71	75-	B.C.	Cir.	9	S	

Lat. by D. R. 24. 16. 39 S

Long. by D. R. 40. 9. 57 W

Lat. by Obs. 24. 16. 32 S

Long by Obs. 40. 7. 12 W

Dist. per Log, 107. Knots

Rate of Current,

Set " "

Variation of Compass, 0° W

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	6	SW¼W	NE	2											
2	3	0	"	"	2											
3	2	6	"	"	1-2											
4	2	2	"	"	1-2		30.21-	77	78	72	75-	F.C.	Cir Cum	7	S	
5	2	0	"	"	1-2											
6	2	6	"	"	1											Look in all elbow studdels
7	1	6	"	"	1											
8	2	0	"	"	1		30.20	76	77	72	75-	F.C.	Cir Cum	4	S	Set lee clew of mainsail
9	3	0	"	E	1											
10	2	5-	"	"	1											
11	2	5-	"	"	1											
12	5	2	"	"	1		30.20	76	75-	77	75-	B.C.	Cir Cum	4	S	

REMARKS:

April 30th 1882

Clear & pleasant with light breeze from N.E. ship rolling easily to a long swell from E.N. At 9.30 mustered at quarters after which the Commanding Officer inspected the crew & ship.

Attest A. H. McCormick
Commanding

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	2	SW ¼ W	E												Plain sail except spanker & trysail all the port studsls.
2	1	1	"	"												
3	1	1	"	"												
4		6	"	"			30.18	75	75	71	75	F.C.	Ci	7	C	
5		6	"	"												
6		6	"	"												4.30 Took in studsls Hauled up courses
7	3	3	NW×W	SW.												
8	2	2	WNW	SW×S			30.22	74	74	69	75	F.	Ci Cum	4	C	Took in roy also tgsls + stays'l + flying
9	3	3	W	S S W												jib
10		Hove to		"												
11		"		"												
12		"		"			30.25	74	73	69	75	F.C.	Ci. Cum	1	C	

Lat. by D. R. 24. 43. 8 S

Long. by D. R. 40. 41 29. W

Lat. by Obs. 24. 42.

Long by Obs. 40 40 29 W

Dist. per Log, 47. Knots.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Hove to	Lay	SE×E	S SW	2											Set roy also + J jib.
2	9	0	"	"	2											
3	Hove to			"	2	¼										
4	4	0	WSW	S	3		30.19	74	73	71	75	F.	Ci Cu	8	S	
5	5	4	SW×W	S×E	3	¼										
6	6	0	"		4	¼ ½										Took in
7	7	2	SW ¾ E	SE×E	4	¼										Set fore topmast stays'l
8	8	0			6		30.20	78	72	71	75	F.	"	1	C	Took in roy & took
9	5	5	SE×S	SE×S	6											dough ruff in topsls
10	5	2	"	"	6											
11	6	0	"	"	6											Set spanker + main
12	5	5	"	"	6		30.20	78	72	69	75	F.	"	1	C	topsl.

REMARKS:

May 1st. 1882

Weather. clear & pleasant with light wind & squalls & and rain in morning. Fresh breeze from So + Ea during the afternoon. At 9.20. All hands were mustered and crew were exercised at target practice. At 2.30 two boys who were painting the steam launch fell over board but held on to the gangway. the life buoys were lowered + the life boat lowered. + ship hove to

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	S W	S E x S	5											
2	4	6	"	"	5											Rated topsels yt Royal & Spanker + Trysail
3	4	8	"	"	4											
4	4	8	"	"	4		30.14	78	72	67	78	o.c.	cir Cum	0	M	Made sail to Royals
5	4	8	"	"	4											
6	5	0	"	"	4											
7	6	0	"	S.S.E.	4											Set royals + J jib
8	5	8	"	"	4		30.18	72	71	66	78	b.c.	cir	6	M	
9	5	4	"	"	4											
10	4	0	"	"	4											
11	3	0	"	"	3											
12		6	"	"	2		30.19	78	72	67	78	c.	cir	6	M	

Lat. by D. R. 25°. 59. 12 S

Long. by D. R. 42. 14. 15 W

Lat. by Obs. 25°. 06. 55 S

Long by Obs. 42. 22. 25 W

Dist. per Log, 100 Knots

Rate of Current, 24/14

Set " " N 19° W

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1		5	S W ÷ W	"	1											
2		5	"	"	2											
3		5	S.W.	"	2											
4	1	0	S.W. x W. ÷ W	"	2		30.16	78	72	64	78	b.c.	cir Cum	1	M	
5	1	2	S W ÷ S	"	3											
6	1	4	"	"	3/4											
7	2	4	"	S E x S	1/2											
8	2	4	"	"	1/2		30.16	72	71	64	73	b.c.	cir st.	6	L	
9	2	4	"	"	1/4											Set spanker
10	2	8	"	"												
11	2	8	"	"												Took in spanker
12	2	5	"	"			30.13	70	70	66	73	b.c.	cir st.	8	L	

REMARKS:

May 2nd 1862

Weather clear + pleasant with stiff breeze from Sd + Ed Broke out fore hold + cleaned bilges. Painted boats. Musters at quarters at 4.45 – after which exercised at shortening + making sail. Sony swell from Sd + ship rolling easily At 11.42 P.M. Went to General quarters Length of time to first fire 8 m 10 secs. 60 lbs. 5.80°, No. gun 8.45°. No 2. 5.62°. Secured battery + beat to quarters.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	SW¼S	S.S.E	1											
2	2	0	"	"	1											Plain sail ex cft sp.
3	2	5	"	"	1											anker. Set port topt &
4	3	0	"	"	2		30.02	72	71	66	73	Cr.	cirrus	6	S	t'gmast studsl.
5	3	6	"	"	2											
6	4	2	"	E	3											
7	4	6	"	"	3											Took in mainsail &
8	4	8	"	E.N.E.	3		30.01	72	72	67	73	Cr.	cir cum	6	S	set port lower studsl
9	4	8	"	"	3											
10	4	4	"	"	3											
11	4	8	"	"	3											Set abv & studsls.
12	4	8	"	"	3		30.13	74	74	68	73	Cr.	cir	2	L	

Lat. by D. R. 26.22.11 S

Long. by D. R. 43.05.00 W

Lat. by Obs. 26.14.45 S

Long by Obs. 43.23.30 W

Dist. per Log, 68 Knots

Rate of Current, 18/24 per hour.

Set " " N 66° W

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	6	SW¼S	N.E.	2											
2	2	8	SW¼S	"	2											
3	3	7	"	"	2.3											Set abv Tower studsl
4	4	7	"	"	3		29.98	74	72	67	73	Cr.	min	0	L	
5	5	0	"	N.W.	3											Took in all studsls
6	3	0	"	"	2											set spanker trysl
7	1	0	"	S E	1											& fore topmast staysl
8	0	5	"	"	1		30.00	70	69	67	73	Cr.	cir min	1	L	Took in royals f. pb
9	1	0	"	"	1											& spanker and reset
10		6	"	"	0											them
11	3	0	S×E	SW½W	2											Set spanker
12	2	8	S½E	"	2		30.01	71	71	67	72	Cr.	cir cum	5	L	

REMARKS:

Wednesday May 3rd 87

Weather pleasant with light breze from the Nd & Ed. At times during the day it became overcast & rained slightly At 9.15 - mustered at quarters & inspected the crew. After which all divisions were exercised at routine drills Gunners gang employed Capping & strapping Empty nine inch Shell. at 1 P.M. all fires & lights were ex tinguished & 23 nine inch shell were filled. Fuzed & stowed in shell room. After magazine was closed fires were started. Distilling fresh water

LOG OF U. S. Steamer Essex Commanded by Comndr. A H McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	6	S ½ E	WSW	3											Plain sail to royals
2	5	0	S	"	4											except mainsail
3	7	0	S×E ½ E	SW×W	5											
4	6	4	SSE	SW	5		30.00	70	70	65	73	Bs.	Cirrus	9	M	
5	5	5	"	"	4											
6	6	0	S ½ E	WSW	5											
7	6	5	S	"	5											Took in royals + t'gt-
8	5	5	S×W ½ W	W×S	6		29.95	70	69	65	72	Bcg.	Cirrus	6	M	sls + flying jib.
9	6	2	S×W	"	6	1 ½										
10	7	2	S ½ E	WSW	6	1										
11	7	4	S ½ W	W×S	6	1										
12	7	4	S	"	6	1	30.00	70	70	66	72	Bcp.	Nimbus	4	R	Took in t'gts + sflanker

Lat. by D. R. 27 . 54 . 12 S
Long. by D. R. 43 . 26 . 5 W
Lat. by Obs. 27 . 49 . 44 S
Long by Obs. 43 . 5 . 30 W

Dist. per Log, 94 knots
Rate of Current, 1/4 pr hour
Set " " N 75 E
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	4	S ½ E	WSW	6											
2	6	0	S×E	"	5											
3	6	4	S×E ½ E	SW×W	5											
4	6	4	"	"	5		29.97	70	70	64	72	Bc.	Cir	7	R	Set t'gtsls.
5	6	0	SE ½ S	SW×S	5											
6	2	0	W×N	"	5											
7	4	0	"	"	5											
8	4	0	"	"	5		30.00	70	70	64	72	Bc.	Cir	5	M	
9	3	8	"	"	5	1										
10	3	8	W ½ N	"	3	1										
11	3	0	W×S	S×W	2	1										
12	1	6	WSW	S	1	1	30.02	70	70	64	71	Bc.	Cir	5	S	

REMARKS:

May 4th 1872

Weather clear + pleasant with fresh breeze from Sd + Wd. Moderate swell ship rolling easily. Musterd at quarters at 9 hs + inspected crew. + Exercised all divs. at routine drills. Musterd at quarters at 4 hs - 45 - Watering fresh water.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	4	S.W.	S.S.E.	1											
2	2	4	"	"	2											Plain sail in log to
3	2	4	"	"	1											Except. unmasted
4	2	4	"	S.E.	2		30.02	70	70	64	71	F.C.	Ci Cu.	5	m	Set royals & flying jib
5	2	0	"	E	1											
6	2	0	"	N.E.	1											
7	2	0	"	"	1											Set port. studdsls
8	3	0	"	"	1-2											
9	2	0	"	"	1-2											Set starboard studdsls
10	2	0	"	"	1-2											Set mainsail
11	3	0	"	N.N.W.	1-2											Took in port studdsls
12	2	5	S.W. & S.	"	1-2											Took in starboard studdsls

Lat. by D. R. 28° 32. 14 S

Long. by D. R. 43. 36. 10 W

Lat. by Obs. 28. 20. 43 S

Long by Obs. 43. 27. 00 W

Dist. per Log, 37 knots

Rate of Current, 14/24 per hour

Set " " N 34° E

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	3	S.W.	N.N.W	2											
2	4	4	SW ÷ W	"	2											
3	4	8	"	"	3											
4	5	4	"	"	3		29.96	71	72	65	71	F.C.	Cu.	1	S	
5	5	0	"	"	3											
6	5	6	"	"	3											Set spanker
7	7	0	"	N	4											
8	8	0	"	"	4		29.96	72	72	65	71	Beg.	Cu.	0	S	
9	7	0	"	"	4											
10	7	5	"	"	4											
11	7	5	"	"	4											
12	8	0	"	"	5		29.90	72	72	66	72	Beg.	Ci Cu.	1	S	

REMARKS:

May 5th 1872

Clear & pleasant with light breeze from Ind & Ea to N.a & W.a Mustered and inspected crew at quarters & exercised at naval Brigade At 1.15 – passed an English Frigate standing to N.a & Ea & dipped our colors to return the salute. At 4.45 – mustered at quarters and afterwards exercised at sail drill

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	4	SW½W	N	5											Plain sail to royals with topmast & lgt studdels
2	9	6	"	"	6											
3	9	0	"	"	6											
4	8	4	"	"	6		29.73	72	72	66	70	F.P.	Cum	1	m	Look in spanker royal & studdels at 12.30
5	8	4	"	"	6											
6	8	2	"	"	6											
7	8	0	"	"	5											
8	8	0	SS W / S W	NW / NW	5		29.65	70	71	54	70	o.a.r.	Nim	0	m	Look in topls & main sail Set topls & took them in Look single reefs in topsls
9	5	2	"	"	5											
10	8	0	"	"	6-8											
11	9	2	S ¾ W	"	4											
12	8	0	S.S.W.	W×S	4		29.63	70	69	65	70	o.c.	Nim	0	m	

Lat. by D. R. 30°. 4'. 13" S

Long. by D. R. 45°. 28'. 12" W

Lat. by Obs.

Long by Obs. 45°. 34'. 06 W

Dist. per Log, 15-6 Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	5	S.S.W.	W	5	3										
2	2	5	"	"	6	3										
3	2	5	"	"	6	3										Set main trysail
4	3	0	S×W	"	8	3	29.61	76	69	68	66	o.c.p.	Nim	0	R	Look in fore topsl. & close reefed main topsl + foresail hauled down Staysl + set foretopm Staysail
5	2	0	S	W×S	6-8	4										
6	2	4	"	"	6-8	4										
7	2	0	S×W	W	6-9	4										
8	2	0	S×W ½ W	"	6-9	4	29.62	70	67	68	68	o.c.g.	Cum Nim	0	R	
9	2	0	S.S.W.	"	6-9	3										
10	2	4	"	"	6-8	3										
11	1	4	"	"	6-9	4										
12	1	4	"	"	6-9	4	29.69	70	67	61	68	Fog.	Cum Nim	4	R	

REMARKS:

May 6th 1882

Weather overcast & threatening with a stiff breeze from Na & Wa which increased in force. heavy squalls & rough sea. At 10 AM. took two single reefs in topsails & foresail. at 3 PM close reefed main topsail & foresail took in fore topsl and sent down royal yards ship rolling deeply.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5-	S × W	W × N	4-5	4										
2	5-	5-	"	"	5-8	4										Close reefed main topsl
3	1	5-	"	"	5-8	4										
4	1	2	"	"	5-8	4	29.73	66	64	67	68	Fog	Cir Nim	1	R	Jib reefed; fore storm staysl
5	2	0		"	8	4										storm mizzen and reefed
6	2	0	S × W ½ W	"	8-10	4										trysail
7	2	0	"	"	8-10	4										
8	2	0	"	"	8-10	4	29.72	66	64	55-	68	Fog.	Cir Nim	8	R	
9	2	0	S.S.W.	W.N.W.	8-10	4										
10	2	4	"	"	8-10	4										
11	2	4	"	"	8-10	4										
12	2	4	"	"	8-10	4	29.70	62	64	61	68	Fog.	Cir Nim	2	R	

Lat. by D. R. 30. 46. 13 South

Long. by D. R. 45-. 05-. 57 West

Lat. by Obs.

Long by Obs.

Dist. per Log, 49 Knots.

Rate of Current,

Set " "

Variation of Compass,

1	2	0	S.S.W.	W × W	8-11	4										
2	2	0	"	"	8-10	4										
3	2	0	S × W	W × S	8-10	4										
4	3	0	"	"	8-10	4	29.74	60	5-1	54	68	Fog.	Cir Nim	1	R	
5	2	5-	S	"	8-10	4										
6	2	0	S × E	"	5-9	4										
7	2	0	S E × E	S W ½ W	5-6	4										
8	2	0	N × W	"	6-9	4	29.83	60	5-9	54	68	Fog.	Cir Nim	3	R	
9	2	0	N N W ½ W	S × W	6-8	3										
10	2	4	W N W	S S W	6-8	3										
11	2	4	W N W ½ W	"	5-7	3										
12	2	2	"	"	5-7	3	29.93	60	62	55-	68	Fog.	Cir Nim	4	R	

REMARKS:

May 7th 1882

Weather threatening + disagreable with heavy gale from N.E. & N.W. gradually hauling to S.E. & N.W. about 3.15 - Shipped & sea washed over in both pivot ports and starboard end of bridge. at 1. P.M. started fires in six boilers and at 6.40 hove ship under steam and sail and headed W × N on port tack.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	N.W.	S W ½ W	5-6	4										
2	2	0	N W × W	S W	5-6	4										Double reef main topsail + furled. Fore storm
3	2	0	"	"	5-6	4										
4	2	0	"	"	5-6	4	29.99	60	5-8	5-0	67	Fog.	Ci Cu	5-	R	Staysl storm trysail
5	2	0	"	"	5-7	4										Main trysail
6	2	5-	N.N.W.	"	5-7	4										
7	2	0	"	S W × S	5-7	4										
8	2	4	"	"	6	4	30.02	62	61	5-5-	67	Foggy.	Cir Cu	4	R	Set spanker
9	2	0	W × N	"	5-	3										
10	2	0	"	S × W	3	3										
11	2	0	W N W ½ W	"	3	3										Took in spanker
12	2	0	"	S S W	3	3	30.07	62	61	54	67	Fog	Cum	6	R	Set ¾ spanker

Lat. by D. R. 30 . 26 . 5-1 S

Long. by D. R. 45- . 10 . 27 W

Lat. by Obs. 30 . 5-3 . 20 S

Long by Obs. 45- . 12 . W

Dist. per Log, 9 Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	2	W ½ N	S.S.W.	3	3/4										
2	3	0	W × N	"	3	3/4										
3	2	8	"	"	3	3/4										Set topsls
4	2	8	"	"	3	3/4	30.18	62	63	5-4	67	Fog.	Cum	8	R	Set pt + Shookout reefs
5	3	0	"	"	3	1										
6	2	4	"	"	3	1										
7	1	0	W × S	S × W	2	2										
8	1	2	"	"	1	2	30.24	65-	62	5-5-	67	Fog.	Cir Cum	7	R	
9	0	5-	S W ½ W	S.S.E.	0-1											
10	no log		way	calm	0											Hauling up foresail
11	"		"	"	0											At spanker + hauling
12			"	"	0		30.27	65-	62	5-5-	67	Fog.	Cum	5-	R	down fore storm staysl

REMARKS:

May 6th 1892

Weather clear + pleasant with heavy swell from S.W. Ship rolling deeply. Wind going down barometer rising. Made sail as shown by Capt Col. at 4.45 Watch at quarters and inspected crew.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	0	6	SW¼W	NE×E	0-1											Topsls topgls forest. jib fore staysl & staysls.
2	0	4	"	"	0-1											
3	0	5-	S.W.	"	0-1											
4	1	0	SW×W¼W	"	0-1		30.26	66	62	55	67	Fc.	cir	6	L	
5	2	6	"	"	1-2											Set lee clew of mn sail
6	2	6	"	"	1-2											Set after topmast staysl
7	3	0	"	N	2											Set royals & lee clew
8	4	0	"	"	3		30.30	68	64	57	67	Fc.	cir	4	L	of mainsl.
9	4	0	"	N×W	3											
10	4	5-	"	NNW.	3											
11	4	0	"	NW.	3											
12	4	0	SW×W	NW×W	3		30.30	64	63	54	67	Fc.	cir cir	7	L	

Lat. by D. R. 31 . 2 . 5-6 S

Long. by D. R. 45- . 5-9 . 5-4 W

Lat. by Obs. 31 . 5-3 . 5-2 S

Long by Obs. 45- . 49 . 36 W

Dist. per Log, 37 Knots

Rate of Current, 13/24 per hour.

Set " " N 41 E.

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	4	S SW×W	N NW×N	3											
2	6	8	"	"	4	1										
3	6	8	"	"	4	1										
4	6	6	"	"	4	1	30.24	66	65-60		67	Fc.	cir cir	8	S	
5	6	2	"	"	4											Look in royals and single reefd the topsails
6	6	4	"	"	4											
7	6	4	"	"	4											
8	7	0	"	"	4											7.15- took in spanker
9	6	5-	"	NW	4		30.21	65-	64	58	67	Fc	cir cum	6	m	
10	6	5-	"	"	5-											
11	6	5-	"	"	5											
12	6	0	"	"	5-		30.11	65-	64	56	66	Fcl.	min	8	m	

REMARKS:

May 9th 1872

Weather clear & pleasant with stiff breezes from nd & wd. Sea moderate ship riding easily to low swell. Employed forenoon watch in cleaning ship. Mustered at quarters at 4 A.M. - afterwards took single reef in topsls. Furled royals & blowed flying jib.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	6	SW×W	N.W.	5											Plain sail to topsails & capt spanker. Reef in topsails
2	7	0	"	"	6	½										
3	7	2	SW½W	N.W×W.	6	1										
4	6	6	SW½S	"	6	1	30.17	65	66	59	66	Fol.	cir Cum	8	M	
5	6	0	SW×S	"	6											Took in topsails
6	6	0	"	"	6											
7	6	0	"	"	6											
8	4	0	W	"	6		30.05	65	64	58	67	Fr.	Cum	3	M	Took in main topsail & main royal
9	5	0	"	WSW	5	1										
10	6	0	"	"	5	1										
11	2	0	"	"	5	4										Took in jib & took in other reef in topsails
12	2	0	N.W.	"	5	4	30.07	63	64	56	66	Fog.	cir Cum	7	M	

Lat. by D. R. 32 . 28 . 46 S

Long. by D. R. 47 . 19 . 24 W

Lat. by Obs. 32 . 21 . 05 S

Long by Obs. 47 . 15 . 15 W

Dist. per Log, 116 Knots

Rate of Current, 6/24 per hour.

Set " " N 36 E.

Variation of Compass,

1	2	5	NW×N	W.b.W.	5	2										Set storm trysail
2	2	5	N.N.W.	"	5	2										
3	2	5	S×W	W×S	5	2										
4	2	5	"	"	5	2	30.06	65	68	57	67	Fog	cir Nim	5	M	
5	2	2	S½E	"	5	4										
6	2	0	"	"	5	4										
7	2	0	W×N	S.S.W.	4	2										
8	1	6	W	S×W	4	2	30.10	65	63	54	67	Fol	cum Nim	5	M	
9	2	4	WNW	S W×S	3	2										
10	2	0	"	"	3	2										
11	2	0	"	"	4	2										
12	2	0	NW×W	"	4	2	30.13	64	62	55	67	Fog	Cum Nim	5	M	

REMARKS:

May 10th 187[illegible]

Stiff breeze from Sa & Wa ship rolling easily to long swell from S & Wa Mustered at quarters at 9.15 – at 9.30 took reef in topsails. at 11 wore ship to Sa and at 2 wore ship again and headed S by W. Mustered at quarters at 4.45 – lightening during evening.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	SW×W	S×E	3											All plain sail.
2	5-	0	..	"	3											
3	6	0	..	"	4											
4	6	0	..	"	4		29.96	81	80	76	83	Br.	cir cum	4	S	
5	7	0	..	"	4-5-			"								
6	7	0	S.W.	SSE	4-6-											
7	6	0	"	"	5-4											
8	6	0	"	"	5-4		30.02	81	81	77	82	Fog.	cir rum	4	S	
9	5-	5-	WSW.	S×E	4											
10	6	0	..	"	4											
11	4	5-	"	6	5											
12	3	4	"	"	5		30.00	82	82	77	82	Br.	cir cum	5	S	

Lat. by D. R. 32. 07. 27 S

Long. by D. R. 47. 35. 54 W

Lat. by Obs. 32. 02. 03 S

Long by Obs. 47. 43. 24 W

Dist. per Log, 82 knots

Rate of Current, $\frac{8}{24}$ per h.

Set " " N 5-0 W

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-	0	WNW	S W	4											
2	4	6	"	"	4	½										
3	5-	0	"	"	4	½										
4	4	4	"	"	4	½	30.18	64	64	56	66	Br.	cir cum	6	L	
5	3	0	NW×W	SW×W	4	1										Took reefs in topsls.
6	4	0		"	4	1										
7	2	5-	NW S×E ½ E	"	4	1										
8	3	0	S.S.E.	S W	3	1	30.18	63	63	57	66	Fr.	cir cum	1	L	
9	2	6	S×E ½ E	WSW	3	1										
10	2	5-	"	"	3	1										
11	3	2	S×E	"	3	1										
12	0	0	S	W×S	3	1	30.23	64	64	58	66	Br.	cir cum	6	L	

REMARKS:

May 11th to 18th

Moderate breeze from S.E. & W.S.W. weather being cool & pleasant ship rolling easily to swell from S.E. Musters at quarters at 9 A.M. and exercises at routine drills. Musters at quarters at 4 A.M. and at 4 P.M. took single reef in topsls & set topsls over them.

LOG OF U. S. Steamer Essex Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	S ½ E	W.S.W.	2											
2	2	0	S	"	2											Plain sail to topts
3	2	2	S ½ W	W x S	2											single reef in topsails
4	2	0	S x W	W	2		30.24	64	65	56	66	Fr.	Cir Cum	9	S	Mainsail furled
5	2	0	S x W ¾ W	"	2	½										
6	2	0	"	"	2	½										
7	3	0	S x W ½ W	"	2	¼										Shook the reefs out of the topsails set royals + flying jib
8	3	5	"	"	2	¼	30.25	64	64	57	66	Fr.	Cir	9	S	
9	2	8	"	"	2	¼										
10	3	2	"	"	3	½										
11	3	6	"	"	3	½										
12	3	2	"	"	2	½	30.24	64	64	59	66	Fr.	Cir	9	S	

Lat. by D. R. 32. 29. 39 S

Long. by D. R. 48. 08. 42 W

Lat. by Obs. 32. 31. 25 S

Long by Obs. 48. 15. 03 W

Dist. per Log, 40. Knots

Rate of Current, 6/24 per h.

Set " " S 72 W

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	6	S x W ½ W	W	½											
2	1	5	S S W ½ W	W x N	½											
3	1	2	S W ½ S	W.N.W.	½											
4	1	4	S W x W	N.W.	½		30.18	68	67	60	66	Fr.	Cir	9	S	Furled mainsail
5	1	8	"	"												
6	1	8	"	"												
7	2	5	S W ½ W	"												
8	3	0	S W ¾ W	"			30.20	67	67	60	66	Fr	—	10	S	
9	4	0	S W ½ W	"		¼										
10	3	8	S W x W	"		¼										
11	3	6	"	"		¼										
12	3	6	"	"		¼	30.19	67	67	60	66	Fr	—	10	S	

REMARKS:

May 12th 1872

Weather clear + pleasant Breeze fairly light from NW + Wd ship very steady. At 9.15 – Mustered at quarters and made out clothing requisitions at 4 4 s – mustered and beat to Quarters all ready in 4m 47 sec.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	NxW	W.S.W.	5											
2	4	5	"	"	5											Steam
3	3	0	"	W	5											
4	3	0	"	"	5		30.01	58	54	50	56	bc	Cum Nim	5	M	
5	3	5	"	"	4											Set main trysail
6	3	0	"	"	4											Furled main trysail
7	4	8	"	"	5											
8	7/2	0	"	"	5		30.06	58	54	51	56	fc	cir Nim	5	S	
9	5	6	"	"	4											
10	4	2	W½S	WxS	2											
11	4	0	SWxW½W	W	2											Set fore + aft sail
12	4	0	SWxS	"	2		30.10	58	54	50	56	Bc.	Cum	4	M	

Lat. by D. R. 33.32.11 S

Long. by D. R. 50.03.33 W

Lat. by Obs. 33.40.59 S

Long by Obs. 49.49.50 W

Dist. per Log, 108 R

Rate of Current, 11/24

Set " " SS7E

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	8	SWxW½W	NNW	6	½										
2	8	2	"	NWxN	6	½										
3	7	5	"	NW	6	½										
4	7	4	"	"	6	½	30.03	67	68	63	69	Bc.	cir	9	M	
5	7	4	"	"	6											
6	7	4	"	"	5											
7	7	0	"	"	5											Set spanker + royals
8	7	0	"	"	5		30.03	67	66	61	68	Bc.	cir	9	M	+ flying jib
9	7	0	"	NWxN	5											
10	7	5	"	"	4											
11	7/8	0	"	"	5											
12			"	"	5		29.99	68	67	63	69	Bc.	cir	6	M	

REMARKS:

May 13th to 1872

Cloudy + cool the wind being stiff from the NW + WNW the course being SW×W½W. Spent the forenoon holystoning the spar deck + distilling fresh water. Mustered at quarters at 4.45 P.M.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	4	S W×W½W	N W×N	5-											
2	8	4	"	"	5-											Plain sail to royals
3	7	0	"	"	4	¼										except mainsail
4	6	0	"	"	4	¼	29.94	66	65-	62	69	fr m.	cum	2	m	
5	6	8	S W	N W×W	4	½										Looking royals & flying jib
6	6	4	S W½S	W N W	4	½										
7	4	0	v S W	S W×W	4.5-	½										Took in topsails
8	8	0	N W	"	4-7		29.93	65-	60	5-4	69	fr g m.	cum	1	m	
9	4	0	W×S	W×S	4.5-											Steam
10	6	4	"	W	4											
11	7	0	"	"	4											
12	6	0	"	"	4		30.00	60	5-6	5-2	5-6	fr c	cum	2	S	Fore + aft sail

Lat. by D. R. Off the mouth of the Rio de la Plata

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	3	0	N×S W	W	5-											Took in fore + aft sail
2	6	5-	"	"	5-											
3	5-	0	"	"	5-											
4	4	0	"	W S W	6		29.93	60	5-6	5-1	5-6	fr g p	cum	6	m	
5	2	0	"	"	8											Storm mizzen + main trysail
6	1	0	E	"	6-7											
7	1	0	"	S W	5-6											
8	1	0	"	"	5-6		29.99	60	5-4	4-8	5-6	fog p	cum	7	R	
9	0	0	S×E	"	6											
10	0	0	"	"	5-											
11	0	0	"	"	4											
12	5-	0	W×N	"	4		30.06	5-8	5-4	5-0	5-6	fog h	cum	8	R	

REMARKS:

May 14th 1872

Weather overcast the wind being stiff from the Wd + Sd. During the forenoon it rained Watch and quarters were dispensed with. In the afternoon the wind blew a stiff gale from S.W. and the engine was stopped and storm canvas set. The wind and sea died down so that the engine was started again at 10.50 the ship being on her course W×N

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	W x N	WSW	5											Steam
2	4	5		"	5											
3	3	0		W	6											
4	3	0		"	5		30.01	58	54	50	56	Vr.	cirrus	5	M	
5	3	5		"	4											Set main trysail
6	0	0		"	4											Furled main trysail
7	4	8		"	5											
8	7	0		"	5		3006	58	54	51	56	F	cirrus	5	S	
9	4	6	W ½ S	"	4											
10	4	0	SW x W	W x S	2											
11	4	0	"	W	2											Set fore + aft sail.
12	4	0	S W x S	"	2		3010	58	54	50	56	Fc	Cum	4	M	

Lat. by D. R. Running up. Rio de la Plata.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	8	2	W.S.W.	SW x W	4											Took in jib stays'l + fore anker.
2	8	0	"	"	5											
3	8	0	W x S	"	5											
4	8	6	WSW	"	5		30.10	57	54	50	56	Vr.	cirrus	4	S	
5	6	5	W ¾ S	"	4											
6	3	0	S S W	W.S.W.	3											
7	1	6	S W ¾ S	"	3											
8	7	5	"	"	0		30.12	60	54	50	56	Fc.	cirrus	1	S	
9	5	5	"	"	3											
10	6	0	"	"	3											
11	6	2	"	"	2											
12	5	8	W ¼ S	"	2		30.09	60	58	48	58	Fc.	Ci Cum	2	S	

REMARKS:

May 15th 1892

Weather clear + pleasant but cool. Sighted a light on port bow + lost it on port beam during morning watch. Stopped engine and laid to under main trysail & while bending chain Sighted Cape Penlope light at 5.5-0 bearing N W x N. Sighted land on the starboard bow at 6.15- Unbent studsail gear + sent down top't studsails + preventer braces. Served out clothing

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1-	0	W½S	WSW	2	2										Steam alone
2	5-	0		"	2											
3	5-	4		"	2											
4	6	0		"	2		30.08	58	52	49	55	bc	Cum	9	8	
5	6	0		"	2											
6	6	0		NNW	2											
7	6	0		NxW	2											Set spanker for storm
8	6	0		"	2		30.02	56	49	47	54	o.c.g.	Cum Nim	0	S	Stays'l + head sails
9	6	0		"	2											Took in fore + aft sail
10	5-	0	NW	"	2											
11	6	6	W	"	3											
12	Standing in for anchorage			"	3		30.03	50	47	54	54	bc	Cum Nim	3	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored	NxW	NxW	3										
2	"	"	"	3										
3	"	"	"	2										
4	"	W	W	2		29.89	59	60	52	—	bc.	Cum Nim	9	S
5	"	"	"	1										
6	"	N	"	1										
7	"	NE	"	1										
8	"	ENE	N	1		29.88	59	55	52	—	bc.	Cum	9	S
9	"	NNE	NE	1										
10	"	"	ENE	1										
11	"	"	NNE	2										
12	"	N	N	2		29.90	59	52	49	—	bc	Cum	8	S

REMARKS:

May 16th 1872

Weather clear + pleasant. Steaming for the northern shore of the Rio de la Plata under four boilers. quarters at 9.15 - At 11.20 made signal No. 44 which was answered by U.S.S Brooklyn, who signalled in return No. 14. at 12 made signal 12.11 Brooklyn made signal 904. At 12.40 let go port anchor + veered to 90 fathoms at 1.0 Hove up port anchor + moored in 8½ fathoms. Recd. official visits from the Commanding Officers of the Italian French Argentine Spanish Brazilian + English men of war. Commde Officer made official visit from the "Brooklyn" At five myth signal returned 10.9 answered 904. Hauled top gants at sunset

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		N	N	3											
2			NNW.	NW.	3											
3			"	"	3											
4			"	"	3		29.94	64	54	49	–	Cr.	cicum	2	S	
5			"	"	1											
6			"	"	1											
7			S.E.	NNW	1											
8			"	"	1		29.90	68	58	53	–	Cr.	cicum	1	S	
9			"	"	1											
10			"	S W.	1											
11			S W	"	2											
12			S S W	"	1		29.98	68	58	55	–	Cr.	Nim	0	S	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S x W	S.W.	1											
2			W S W	"	1											
3			N N W	"	1											
4			"	"	1		30.02	57	58	52	–	Cr.	Nim	1	S	
5			"	"	1											
6			W	"	1											
7			"	"	1											
8			S.E.	"	1		30.09	62	57	56	–	Cr.	cicl.	5	S.	
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			E.S.E.	"	1		30.13	60	55	49		Cr.	cicl.	7	S	

REMARKS:

May. 17th 1872

Weather partly clear & pleasant. Crew at work cleaning ship. At 7.20 Brooklyn made signal prep. 6140. answered. At 7.55 – Brooklyn made signal 6141. answered and sent up topgallant masts. at 8 A.M. Comdg Officer of Brooklyn made an official visit to the Ship. British gunboat got up anchor & went to sea. Got up sheet anchor and placed it on starboard bow. sent a boat to carry off U.S. Consul. received a visit from U.S. Consul. At 4.10 the Brooklyn made signal 2372 answered. Sent a boat to Brooklyn for our mail. at 4.30 made signal 5040 to Brooklyn answered by 904. Got up hammock gantlines and clothes lines. went to quarters and served out clean hammocks. at 5.15 –

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1		S.W.	S.W.	N.E.	1											
2		W×N	W×N	"	1											
3		NW	N.W.	"	1											
4		"	"	"	1		30.10	60	54	51		Bc.	cir.	9	S	
5			"	Calm	0											
6			"	"	0											
7			S E	"	0											
8			"	"	0		30.13	60	54	52		Bc.	cir.	9	S	
9			"	"	0											
10			"	"	0											
11			S E×E	E	1											
12			"	"	1		30.13	60	56	54		Bc.	cir.	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			N E×N	E	2											
2			N	"	2											
3			N W	"	2											
4			W	"	2		30.15	61	61	51		Bc.	cir	9	S	
5			S E	S.E.	2											
6			"	"	2											
7			"	"	2											
8			"	"	2		30.23	62	57	52		Bc.	cir	9	S	
9			S E×E	"	2											
10			S E	"	2											
11			E×S	"	2											
12			E×N	E	1		30.23	62	55	52		Z	—	10	S	

REMARKS:

May 18th 1892

Weather clear & pleasant. heavy dew during the night mustered and inspected Crew at quarters at 9.05 Survey consisting of Lt. Commdr. C. M. Anthony. Lt. Rush Roberts & Lt. Calhoun. met on board. Received official visits from the Spanish & Italian men of war. Coaling Ship. Rcd. official visits from Argentine & French gun boats. At 4.30 made signal 2983 International Flag ship answered 9.04 Brooklyn signaled by Vary's Code 2630 and was answered with 45. then 2998 and 20.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		N E	Calm	0											
2	"		"	"	0											
3			"	"	0											
4			"	E	1		30.23	61	54	53	—	b	—	10	S	
5			"	"	1											
6			N	"	1											
7			W	E N E.	1											
8			"	"	1		30.27	68	51	48	—	b	—	10	S	
9			S W.	"	1											
10			S S E	"	1											
11			"	"	1											
12			S E.	"	1		30.25	63	53	51	—	Br.	Ci	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S x W	S S E.	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		30.22	61	57	53	—	Br.	Ci	9	S	
5			S W x W	"	1											
6			N W	"	1											
7			"	"	1											
8			N N E	"	1		30.22	61	57	54	—	Br.	Ci St.	9	S	
9			"	"	1											
10			E N E.	N W.	1											
11			"	"	2											
12			"	"	1		30.19	60	55	50	—	B	—	10	S	

REMARKS:

May 19th 1872

Clear & pleasant with heavy dew during the night. Sent mail mail to Brooklyn. made Signal 38 S-O, Sent boat to Brooklyn. Set up topmast rigging. Squared ratlines of lower rigging painting ship and tarred down

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		E	E	2											
2			NW	NW	2											
3			"	"	3											
4			"	"	3		30.12	57-3	56-8	56-0		Fog.	cir	4	S	
5			"	N×E	2											
6			N.N.W.	"	2											
7			"	"	3											
8			"	"	3		30.14	60	58-3	58-1		Fog.	cir	9	S	
9			N	"	3											
10			E.N.E.	"	3											
11			"	"	3											
12			E S E	"	3		30.16	60	59-7	59-4		Fog.	cir	5-	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		E S E.	N×E	3											
2			"	"	3											
3			N.E.	N×W	3											
4			N	"	3		30.06	61	62	59		Fog.	cir	6	S	
5			N×E	Calm	0											
6			"	"	0											
7			"	NE	1											
8			N.N.E.	NNE	1		30.04	58	57-1	57-0		Fog.	cir	7	S	
9			"	"	1											
10			N.E.	NNW.	1											
11			"	"	3											
12			S.E.	NW.	3		30.06	65-	60	59-7		cld.	Nim	0	S	

REMARKS:

May. 20th 187

The weather was hazy and light drizzling rain fell during the evening. The wind was light + from the Nw + Wnw + N + Ene. An argentine gun boat entered the harbor + anchored. Enlisted for three years general service as landsman E.F. R.C. W Hoeft. Muster at quarters at 4.45 — P.M.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S.W.	W.S.W.	3											
2			"	"	2											
3			N.W.	N.W.	1											
4			"	"	1		30.04	61	60	57		Fog.	Min	1	S	
5			W	SW	D											
6			"	"	D											
7			"	"	1											
8			"	"	1		30.07	68	58	55		Fr.	Cum	8	S	
9			"	"	1											
10			"	"	1											
11			W	SW	1											
12			S	"	2		30.16	65	57	56		Fr.	Cum	9	S	

Lat. by D. R. Montevideo

Long. by D. R. Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored	S.S.E.	S.S.W.	2											
2		S	"	1											
3		S.S.W.	"	1											
4		"	Calm	0		30.11	65	57	56		Fr.	Cum	9	S	
5		"	S.W.	1											
6		"	"	1											
7		W x N	"	1											
8		NW	N.W.	1		30.10	61	55	55	52		Fr.	Cum	9	S	
9		"	"	1											
10		N.N.E.	"	1											
11		"	"	1											
12		S.E.	"	2		30.10	60	52	50			Fr	—	10	S	

REMARKS:

May 2 1at 1892

Weather foggy at first - but afterwards clear & pleasant mustered the crew and read Arts of Battle Gov. of Navy also General orders from 206 to 214 Sent visiting Party to Brooklyn. and received one from Brooklyn Stopped distilling at 4.10

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick Lieut.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S.E	N.N.W.	3											
2			"	"	3											
3			N.E	"	3											
4			N.E	"	3		30.08	58	58	49		F.C.	Cir	9	S	
5			N	"	2											
6			N.W	"	2											
7			W	N.W.	2											
8			"	"	2		30.12	56	58	49		F.C.	Cir	9	S	
9			"	"	2											
10			"	W	2											
11			"	"	2											
12			"	"	2		30.16	56	57	54		F.C.	Cir	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored	S.S.W.	W	3	S											
2	"	"	"	3												
3	"	"	"	3												
4	"	"	"	3		30.12	60	58	56		F.C.	Cir	9	S		
5	"	"	"	1												
6	"	"	"	1												
7	"	"	"	1												
8	"	N.W.	Calm	0		30.14	64	57	53		F.C.	Cir	9	S		
9	"	N.W.xW	N	2												
10	"	"	"	2												
11	"	"	"	5												
12	"	W.N.W	"	3		30.12	64	57	57		F	—	10	S		

REMARKS:

May 2nd 1862

Weather clear & pleasant the Boats being light from N.d & W.a Mustered and inspected at quarters at 9.30 Lowered sailing launch and sent her ashore to be chased R. W. Turner broke his leg while on shore with launch and was left at English Hospital At 3.30 Brooklyn made signal 29 & 4 which was answered. The U.S. Marion came into the harbor and anchored off our port quarter at 9.30 P.M.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		ESE	NxW	2											
2			NE	"	1											
3			"	"	2											
4			N	"	2		30.07	59	54	50		Fr.	ci	9	S	
5			NW	"	2											
6			"	"	1											
7			"	"	2											
8			"	"	3		30.11	57	50	48		8	—	10	S	
9			WNW	"	3											
10			W	"	4											
11			"	"	4											
12			"	"	3		30.10	62	62	57		Fr.	ci	8	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S.W.	WxN	3											
2			"	"	3											
3			"	"	3											
4			"	"	3		30.05	64	62	57		Fr.	CiCum	7	S	
5			W	WNW	3											
6			NW	"	3											
7			W	"	3											
8			SW	"	3		30.10	64	58	56		Fr.	CiCum	5	S	
9			"	"	3											
10			"	"	1											
11			"	Calm	0											
12			"	"	0		30.10	64	58	56		8	—	10	S	

REMARKS:

May 23rd 1872

The weather was clear & pleasant with light breezes from Na & Wd. Mustered at quarters at 9.15 and Exercised at routine drills. John Clunie 1.C.B. & Michael McGrade C.T. were released from confinement A 12.5 the Brooklyn made signal 4 & 26. Furled sail at 1 P.M. At 2.40 the Brooklyn made signal 1087. to send boat for mail The French gunboat Bourdonnais went to sea at 5 min past 7. Made Signal Interog 2985. the flag ship answered 904.

LOG OF U. S. Steamer 'Essex,' Commanded by Comdr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SE	Calm	0											
2			"	SE	1											
3			"	"	2											
4			"	"	2		30.18	60	56	55		f	—	10	S	
5			"	"	2											
6			ESE	"	2											
7			"	"	2											
8			E	"	2		30.22	60	57	54		b.c.	ci	9	S	
9			NE×N	"	2											
10			"	"	2											
11			"	"	2											
12			SE×S	"	2		30.24	65	57	64		b.c.	ci	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored		SE.	SE	3											
2			"	"	4											
3			"	"	4											
4			ESE	E	4		30.22	63	56	51		b.c.	ci	9	m	
5			"	"	3											
6			"	"	2											
7			E×S	"	1											
8			S×W	"	1		30.26	67	55	51		b.c.	ci	9	m	
9			NE×N	NE	2											
10			ENE	"	2											
11			E	"	2											
12			ENE	"	2		30.28	65	52	48		b.c.	ci st.	7	m	

REMARKS:

May 24. 1892

Clear & pleasant. Brege from Sa E & N & Sa the Brooklyn made signal 3350. answered. Mustered at quarters and exercised at routine drills. The Comndg Officer of the Brooklyn visited the ship. An Officer from Shore came on board, and requested that we should dress ship tomorrow. In honor of the anniversary of the Uruguayan independence. Brooklyn got underway and went to sea at 1.40 PM At 4.45 made preparative signal 6.44 United States ship Marion answered. At sunset up topgallant yards.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick Lt.U.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Log		SE	ENE	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		30.25	60	58	48	-	b	-	10	8	
5			E	Calm	0											
6			E	"	0											
7			NNW	NNE	1											
8			NW×N	NE	1		30.26	58	47	45	-	b.r.	cir	9	8	
9			NW	"	1											
10			NW×W	"	1											
11			WNW	"	1											
12			"	"	1		30.22	61	60	53	-	b.c.	cir-st	9	8	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		WNW	E	1											
2			SE	"	1											
3			"	"	1											
4			"	"	1		30.17	56	58	50		b.r.	cir	9	5	
5			"	"	1											
6			"	"	1											
7			"	Calm	0											
8			N.W.	"	0		30.14	60	56	52		b	-	10	5	
9			"	"	0											
10			"	"	0											
11			N.N.E.	N.E.	1											
12			"	"	1		30.13	60	54	50		b	-	10	5	

REMARKS:

May 25-th 1872

Weather clear & pleasant the breeze being light from Na & Ea at 6.50 the Spanish Man of War went out of the harbor. The Essex & Madison hoisting colors as she passed the Essex & Marion dressed ship at sunrise and the Argentine Man of War fired Salute of 21 guns at sunrise Noon & Sunset Took on board and stopped provisions. At 5.15 Marion made Signal 584 answered 9.04.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		E by E	N.E.	1											
2			N E x E	"	1											
3			S E x E	"	1											
4			E S E	"	1		30.07	64	57-2	57-0	-	Fr.	Cum	9	S	
5			E	"	2											
6			"	"	1											
7			N by E	N	1											
8			"	"	1		30.10	61	57	57-2	-	Fr.	cir cum	1	S	
9			N	"	1											
10			"	"	2											
11			"	"	2											
12			"	"	2		30.10	60	60	58	-	Fr.	cir cum	8	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		N x W	N	2											
2			"	"	2											
3			"	"	3											
4			N	"	3		29.99	64	62	59	-	Fr.	cir cum	1	S	
5			"	"	2											
6			N.E.	"	2											
7			"	"	2											
8			"	"	2		30.03	64	62	60		Fr.	cir cum	4	S	
9			N.N.W.	"	1											
10			"	"	0-1											
11			"	"	1											
12			N x W	"	1		30.01	64	60	58		Fr.	cir st.	8	S	

REMARKS:

May 26th 1872

Weather clear clear and pleasant during forenoon overcast in the evening the Spanish man of war remained the harbor and anchored. The divs. were exercised at routine drills at 9.30. The following men were sent on board the Steamer Mercedes for passage to New York O. Chipman 1 C.B., Thomas Leonard 1 C.T. E. M. Shepard O. Blackman H Lewis pri. Congdon pri + Bardsley private. The "Marion" shifted her position to a point inside the Essex. Cleared harbor leaving a cross in the harbor.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		NW×W	NW	1											
2			WNW	Calm	0											
3			E	NE	1											
4			E×S	"	1		29.96	62	59	57	–	Trap.	ci nim	9	S	
5			SW	"	2											
6			"	"	2											
7			"	"	2											
8			WSW	WSW.	2		30.03	66	57	54	–	o.c.p.	Cum	0	S	
9			"	"	2											
10			"	"	2											
11			W	"	2											
12			NW	"	2		30.04	62	56	55	–	B.c.f.	ci Cum	1	S	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored		W×N	WSW	2											
2			W×S	"	2											
3			"	"	2											
4			SW	"	2		30.00	62	56	54	–	B.c.	ci Cum	7	S	
5			W×S	WNW	2											
6			NW×W	"	2											
7			"	"	3											
8			"	"	3		30.04	62	57	53	–	B.c.	ci Cum	3	S	
9			"	"	2											
10			W	W×S	4											
11			W×S	W.S.W.	6											
12			SW×W	S.W.	5-7		30.02	62	57	51	–	B.c.	ci Cum	4	S	

REMARKS:

May 27th 1882

Weather overcast and rainy the breeze being light from the Sd. & Wd. Musters and inspection at quarters at 9.15- The Spanish and Argentine gunboats returned to their anchorage.

Musters and inspection at quarters at 4.45- Fires banked under two boilers. In the evening the wind blew in squalls from the Sd & Wd

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A H McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SW	SW	6											
2			"	"	6											
3			"	"	6											
4			SW×W	"	6		30.04	60	55	48	-	F.C.	ci	9	M	
5			"	"	5											
6			SW	WSW	5											
7			"	"	5											
8			SW×W	"	5		30.09	60	54	49	-	F.C.	Cum	9	M	
9			"	SW×W	4											
10			"	"	4											
11			"	"	3											
12			"	"	3		30.09	62	54	48	-	F.C.	Cum	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored		W×S	W×S	4											
2			"	W	3											
3			"	"	3											
4			"	"	3		30.04	70	56	50	-	F.C.	Ci Cum	8	S	
5			"	"	2											
6			"	"	1											
7			N W	Calm	0											
8			"	"	0		30.04	67	53	48	-	F.C.	ci Cum	4	S	
9			"	N.W.	3											
10			"	"	4											
11			"	"	5											
12			"	"	5		29.96	63	53	47	-	F.C.	ci Cum	5	M	

REMARKS:

May 28th 1882

Clear & pleasant with moderate breeze from Su & We, & Mo & We Mustered at quarters at 9.30 and Commdg. Officer inspected crew & ships. A Spanish gunboat entered the harbour and anchored. Sent a visiting party to USS Marion.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		N.W.	N.W.	4											
2			"	"	4											
3			"	"	4											
4			"	"	4		29.96	60	54	48	-	Cc.	Cum	1	M	
5			"	"	4											
6			S.W.	N.N.W.	4											
7			S	W	4											
8			S x E	"	3		29.91	68	66	57	-	Oc.	Cir Cum	0	S	
9			N E	"	2											
10			N	N.W.	4											
11			N W	"	5											
12			"	"	6		29.98	65	60	56	-	Cc.	Cum	3	S	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		WNW	NW	5											
2			"	"	5											
3			"	"	4											
4			W x N	W	4		29.84	65	66	60		Ocr	Cum	0	M	
5			"	"	5											
6			W	"	4											
7			WSW.	WSW	4											
8			W	W	4		29.86	70	61	58		Bcl.	Cum	0	M	
9			W.N.W.	"	4											
10			"	"	4											
11			"	"	3											
12			"	"	3		29.93	67	60	58		Bcf.	Cum	8	M	

REMARKS:

May 29th 1872

Overcast but pleasant during the morning and raining during the afternoon. Mustered at quarters at 9.15 and executed the routine drills. At 1.15 sent down top gallt yards & top gallt masts and rigged in flying-jibboom. Rigged in starbd accomodation ladder and taking fresh water.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		NW	W	2											
2			"	NNW	2											
3			"	"	1											
4			"	"	1		29.90	62	5-9	5-6	–	oc	nim	0	S	
5			"	"	1											
6			W	"	1											
7			SSW	"	2											
8			"	W	2		29.94	64	5-6	5-4	–	bc.	cim	4	S	
9			"	"	2											
10			"	"	2											
11			"	"	2											
12			SW	"	2		30.00	65	5-6	5-3	–	bc.	Cim	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored		SW	SW×S	2											
2			"	"	2											
3			SW×S	"	2											
4			"	"	2		30.03	60	5-6	52		bc.	ai	9	S	
5			SSE	"	2											
6			"	"	1											
7			"	"	1											
8			S×W	"	2		30.08	69	56	57		bc	ai	8	S	
9			SSW	S×W	3											
10			S×W	"	3											
11			"	"	3											
12			"	"	3		30.10	69	5447			Bc.	ai	7	S	

REMARKS:

May 20 th 1872

Over cast but pleasant light breze from Sd + Wa + Ha + Wa Mustered and Exercised at general quarters at 9.45 –. Made signal prep. to Marion 4826 answered. Then made signal 4826 and were answered by Marion. The exercise was in land abaft topgallt masts + yards and loosing sail. Furled sail about 11.30. At 4.40 sent down topgallt masts and topgallt yards. The following men were brought off to the ship. John McGowan, John Thompson M. J. A. Bernhardt, H Lake, + M. McGuade.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S.W.	S	2											
2			"	"	2											
3			S.S.W.	"	2											
4			"	"	2		30.07	59	51	46		b.c.	cir	9	m	
5			S.S.E.	"	2											
6			"	"	2											
7			S E	"	2											
8			S E x E	"	2		30.18	60	51	47		b.c.	cir	9	m	
9			E x S	N E	2											
10			E N E	"	2											
11			N E x N	"	2											
12			N.N.E.	N N E	2		30.11	60	55	48		b.c.	cir	5	m	

Lat. by D. R. Montevideo Uruguay

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		N E	N E	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.00	60	54	45+		b c	cir	4	S	
5			E	"	2											
6			"	"	2											
7			"	"	2											
8			E.S.E.	E	2		30.00	58	55	53		o.c.q.	cir cu	0	S	
9			E x N	"	4.2											
10			"	E S E	4.5											
11			E.S.E.	"	4.6											
12			"	"	4.6		30.02	60	55	50		o.c.q.	cir cu	0	S	

REMARKS:

May 31 st. 1872

Weather clear & pleasant in morning and cloudy in the afternoon Quarters at 9.30. H.M.S. "Garnet" came into the harbor and anchored Stopped distilling and banked fires under two boilers.
Got in stores for Engineer dept. Mustered at quarters at 4.45-
Sent a boat aboard American barque Ada Gray.

Appd A. H. McCormick
Commdg Pro Comdy

LOG OF U. S. Steamer Essex Commanded by A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		ESE	ESE	4											
2			SE	"	5											
3			ESE	"	5											
4			SE	"	6		29.93	60	53	49		oga	cirlum	0	R	
5			E	"	6											
6			"	"	5											
7			"	"	4											
8			"	"	2		29.94	61	54	51		oc.	nim	0	R	
9			ESE	"	2											
10			"	"	3											
11			"	"	3											
12			"	"	3		29.93	60	53-52			oc.	nim	0	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SE	E	3											
2			NNE	"	3											
3			SE×S	ESE	3											
4			"	"	3		29.89	68	56	54		oc.	nim	0	S	
5			S×E	"	3											
6			SSW	"	3											
7			"	S×E	3											
8			"	"	3		29.98	64	56	58		ocr	nim	0	S	
9			S	"	3											
10			"	"	3											
11			"	"	2											
12			SSW	"	2		30.01	65	54	52		oc.	cinim	0	M	

REMARKS:

June 12th 1872

Weather overcast & cloudy the breeze being moderate from the SE & E. At 8 AM. sent up topgallants & yards. Rec'd. official visit from Officers of the garrison and also from the U.S. Minister to Uruguay. At 4 PM. mustered at quarters. An English gunboat entered the harbor. At sunset sent down topgallants & yards.

LOG OF U. S. Steamer Essex Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SW	SW	4											
2			"	"	4											
3			"	"	4											
4			"	"	4		30.03	68	55	54	-	Fc.	cir Cum	2	M	
5			SSW	SSW	4											
6			"	"	4											
7			"	"	4											
8			"	"	4		30.05	70	55	50	-	Fc	cir Cum	6	M	
9			S	"	4											
10			"	"	4											
11			"	"	4											
12			"	"	4		3004	68	55	51	-	Fc.	cir Cum	6	M	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored		WSW	WSW	4											
2			"	"	4											
3			W×S	"	4											
4			W by W	"	5-		30.03	72	52	49		Fc.	Cum	2	M	
5			"	"	5-											
6			W	"	5-											
7			"	"	4											
8			"	"	4		30.07	76	49	47		Fc.	Cum	9	M	
9			SW	"	4											
10			S	"	4											
11			E	"	4											
12			"	"	5-		30.08	62	49	47		Fc.	Cum	9	M	

REMARKS:

June 2nd 187

Weather partly clear & cool the Brise been stiff from S & W. At 8 sent up top mast & yards. At 9.30 Mustered at quarters and Exercised at Watch drills. Shipped Wm Spillman for three years genl. Service as O.S. Shipped J W Kenney for three years genl. Service as Lds. At 4.30 "Marion" made signal sent boat and We answered 90 & Mustered at quarters at 4.45 -

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		E S E	N W	1											
2	"		S W	"	1											
3	"		W N W	"	1											
4	"		"	"	1		29.96	60	47	49		Fr.	Strat-	9	S	
5	"		W S W	W S W	4-5											
6	"		"	"	a-6											
7	"		S W	S W	a-6											
8	"		S S W	S W x S	3-5		30.06	58	50	49		Fog.	Min	0	M	
9	"		S W	"	5											
10	"		"	W	4											
11	"		"	"	3											
12	"		"	"	4		30.12	72	54	49		Fr.	Nim	1	M	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		W S W	W S W	1-											
2	"		W	W	5-											
3	"		"	"	5											
4	"		"	"	4		30.12	70	55	48		Fr.	Cir Cum	1	M	
5	"		"	"	4											
6	"		"	"	4											
7	"		W S W	"	4											
8	"		"	"	4		30.15-	70	52	49		Fr.	Cir Cum	2	M	
9	"		S W	W S W	4											
10	"		"	"	4											
11	"		"	"	4											
12	"		"	"	4		30.15-	70	52	48		Fog.	Cir Cum	0	M	

REMARKS:

June 3rd 1882

Weather overcast with stiff breze from S & W. Mustered at quarters at 9.15- Paid Official visits from Commdg. Officers of H. B. M. Gunboats "Firefly" & "Rifleman" The Comdg. Officer made Official visit to H. B. M. Gunboat Firefly The Marion made signal Interrog. 6.44 and We answered 904 at 4.5-0

LOG OF U.S. Steamer "Essex" Commanded by A.H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		W x S	WSW	3											
2			"	"	3											
3			"	"	2											
4			WNW	W	1		30.13	60	49	47		o.c.	ci Cum	0	m	
5			"	"	1											
6			"	"	1											
7			NW	N	1											
8			"	"	1		30.18	-68	52	50		b.c.	ci Cum	1	m	
9			"	NW	3											
10			W	"	3											
11			WSW	"	3											
12			NW	"	4		30.14	)0	52	48		o.c.	ci Cum	0	m	

Lat. by D. R. Montevideo

Long. by D. R. Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		NW	NW	4	-5-										
2			"	"	4-5											
3			"	"	3-4											
4			"	"	2-3		30.14	)0	5-4	5-0		b.c.	ci Cum	0	m	
5			"	"	2											
6			"	"	2											
7			"	"	2											
8			"	"	2		30.17	)0	5-2	48		o.c.	ci Cum	0	m	
9			Calm	Calm	0											
10			WbW	WbW	1											
11			"	"	1											
12			"	"	2		30.17	65-	5-8	5-0		b.c.	ci Cum	2	m	

REMARKS:

June 4th 1872

Weather clear & pleasant the breze being moderate from Na & Wa, & Sd & Wa. At 9 A.M. Called all hands to muster and read the articles for the better government of the Navy The comdg Offr. of the Garnet paid an official visit to the ship. An Officer representing the Capt of the Port came on board & requested that the flag should be displayed at half mast on Monday on account of the death of Garabaldi. Mustered at quarters at 4.45 - and hove out clean hammocks.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		WSW	W	2											
2			"	"	2											
3			"	"	2											
4			W	"	2		30.15	59	58	49		Fr.	cir	6	M	
5			"	NW	2											
6			"	"	2											
7			"	"	1											
8			NW	NNW	1		30.20	70	50	48		Fr.	cirCum	6	S	
9			SE	NW	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.16	65	55	51		Fog.	cirCum	9	S	

Lat. by D. R.

Long. by D. R. Montevideo Uruguay.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		ESE	NE	1											
2			SE	"	1											
3			ExS	"	1											
4			NExN	"	1		30.11	74	56	50		Cl.	cir Nim	0	S	
5			NW	Calm	0											
6			"	"	0											
7			NxE	"	0											
8			"	NNE	1		30.17	65	58	49		Ocm	cirNim	0	S	
9			ENE	"	2											
10			ESE	"	0.1											
11			"	WxN	1											
12			"	"	1		30.03	60	58	49		Ocr.	Nim	0	S	

REMARKS:

June 5th 1872

Overcast + cool with light breeze from Na + Ea and Na + Wa. Mustered at quarters at 9.15 – Called away all boats armed & equipped and exercised under Offrs. Marion made signal interrog 5.45 – 5 – answered with 9 0 4 ; Recd an Official visit from the Commdg Officer of the "Firefly" and also from an Italian Officer who came with thanks for dressing Ship on the Italian holiday.

LOG OF U. S. Steamer Essex Commanded by A. H. McConnachie

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		E S E	W	2											
2			E	"	1											
3			N E	"	1											
4			N	"	1		29.92	50	52	49		Ocr.	Nim	0	S	
5			"	N E.	2											
6			"	"	2											
7			"	"	2											
8			N x W	"	2		29.81	60	47	45		Ox.	Nim	0	S	
9			"	"	2											
10			S W	S W	3											
11			"	"	4											
12			"	"	6		29.79	65	54	50		Fr.	Cum	6	M	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		S S W	W S W												
2			W S W	"												
3			"	"												
4			"	"			29.77	66	50	47		Fog	ai Cum	5	M	
5			"	"												
6			"	"												
7			"	"												
8			"	"			29.78	65	49	46		Ocq	ai Nim	0	M	
9			"	"												
10			"	"												
11			"	S W > W												
12			"	"			29.75	58	48	44		Ocqr	ai Nim	0	M	

REMARKS:

June 6th 1872

Overcast & squally with stiff breeze from S & W
Mustered at quarters at 9 A.M. Rove off new braces & tacks & sheets. Rigd & Offered visit from a Uruguayan officer who thanked the Captain for kindness shown to ours yesterday. At 5:45 P.M. a heavy squall passed. after which sent down Flg & all sail & yds. and veered to 6 fath. at water's edge on starboard cable. and same on port chain with shackle between decks. Stoppered chain well abaft the bitts during the evening the the wind increased to a heavy gale to which the ship rode with a clear hawse.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		WSW	SW×W	6-8											
2	"		"	"	8-9											
3	"		SW×W	"	9-10											
4	"		SW	SW	9-11		29.71	55	48	46		ocgr	Cum Nim	0	R	
5	"		WSW	WSW	9-10											
6	"		"	"	9-10											
7	"		"	"	9-10											
8	"		SW	"	8-10		29.95	68	50	47		ocgr	cum Nim	0	R	
9	"		SW×S	SW	8-10											
10	"		"	"	8-9											
11	"		SSW	"	8-9											
12	"		SW×S	SSW	6-8		30.09	67	50	47		fog.	Cum Nim	2	R	

Lat. by D. R. — Dist. per Log,

Long. by D. R. Montevideo Uruguay. — Rate of Current,

Lat. by Obs. — Set " "

Long by Obs. — Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SW	SW.	6-8											
2	"		"	"	6-7											
3	"		SW×W	"	5-7											
4	"		WSW	WSW	5-6		30.15	69	50	46		fog	Cum Nim	1	R	
5	"		SW	"	5-6											
6	"		SSW	"	5-6											
7	"		"	"	4.5-											
8	"		"	"	4.5-		30.21	66	49	45-		fog	Cum Nim	8	R	
9	"		WSW	"	6											
10	"		SW	"	6											
11	"		"	SW	6											
12	"		S×E	S	4.5-		30.27	60	46	44		fog	Nim	0	R	

REMARKS:

June 7th 1882

Weather clear & pleasant with stiff gale from SW the sea being rough & the ship rolling heavily. The catamaran was washed away by a sea and drifted ashore. An English mail steamer got up anchor and left the harbor. Muster at quarters at 4.40 P.M. Fires banked under six boilers.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SSW	SSW	5-7											
2			"	"	4-7											
3			"	"	6											
4			"	"	8		30.09	58-	46	44		Fog/p	min	5-	R	
5			SW	"	8											
6			"	"	7											
7			"	"	6											
8			SW×S	"	5-		30.39	62	50	46		Fog	min	4	R	
9			SSW	"	5-											
10			"	"	5-											
11			"	"	5-											
12			"	"	5-		30.44	67	48	48		Fr.	cirCum	6	M	

Lat. by D. R. Montevideo

Long. by D. R. Uruguay

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SSW	SSW	5-											
2			"	"	4											
3			"	"	4											
4			W½N	SW	4		30.47	61-	47	43		Fr.	Cum	5-	S	
5			SSW	"	4											
6			SW	"	2											
7			WSW	"	2											
8			"	SW½W	2		30.52	68	48	42		Fr.	Cum	5	S	
9			"	"	2											
10			"	Calm	0											
11			"	"	0											
12			"	"	0		30.52	65-50		42		Fr.	Cum	9	S	

REMARKS:

June 8th 1872

Weather overcast and sea rough during forenoon but pleasant and cool during the evening.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Moored		SSE	SSW	1											
2			"	"	1											
3			ESE	NW	1											
4			SE	"	1		30.35	60	47	43		Fr.	cir	6	S	
5			SSE	N	1											
6			SW	"	1											
7			NW×W	"	1											
8			"	"	1		30.36	57	46	44		Fr.	cir	9	S	
9			NNW	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		30.60	57	50	45		Fr.	Cum St.	9	S	

Lat. by D. R. Montevideo Uruguay.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Moored	SSE	SE	1												
2		"	"	1												
3		"	"	2												
4		"	"	2		30.57	69	50	46		Fr.	Cir Cum	9	S		
5		"	"	1												
6		"	"	2												
7		ENE	"	1												
8		"	"	1		30.60	68	48	44		Fr		10	S		
9		SE×S	"	2												
10		NE	"	2												
11		"	NE	3												
12		"	"	3		30.5-6	5-9	85-	40		Fr		10	S		

REMARKS:

June 9th 1862

Weather clear & pleasant with light breeze from the Na & then from Sa & Ea. Musterd at quarters at 9.15 Making preparations for going to sea. Spent day in coaling and getting stores on board. Evening quarters at 4.40

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NE	NE	1											
2			"	"	1											
3			E	"	1											
4			"	"	1		30.87	57	47	44		F.C.	cir	7	S	
5			"	Calm	0											
6			"	"	0											
7			SExE	NE	1											
8			"	"	1		30.86	66	49	46		B.C.	cir	9	S	
9			ENE	SE	2											
10			"	"	3											
11			"	"	3											Steam
12			"	"	3		30.87	62	54	51	52	F.C.	Cir Cum	6	S	

Lat. by D. R.

Long. by D. R. Anchored off the harbor of Montivideo Uruguay

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1			E ½ N	E	3											Steam
2	5	5	E ¼ N	"	3											
3	6	6	=	"	3											
4	7	0	=	"	3		30.58	64	55	51	52	B.P.	Ai Cum	8	S	
5	7½	5	=	"	3											
6	7	5	E	"	3											
7	7	2	ESE	"	3											
8	7¾	4	SE	"	3		30.60	67	56	52	52	B.P.	Ai Cum	2	S	
9	8	8	"	"	3											
10	8	0	"	"	3											
11	8	4	"	"	3											
12	8	2	"	"	4		30.58	61	58	53	52	B.P.	Cir	8	S	

REMARKS:

June 10th 1862

Clear & cool with light breze from N & E. Got up anchor at 9.20 and went ahead but soon stopped the engine and waited for the Catamaran which had drifted away to be brought aboard. Steamed out of the harbor with six boilers. At 1 P.M. took departure of Flores light bearing p.c. N¼W, Cerro W ¼ W Ship head E ¾ N Secured anchors and made general preparations for sea

LOG OF U. S. Steamer Essex Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	4	SE	ESE	4											Steam
2	5	7	"	"	4											Set fore + aft sail
3	8	0	S×W	"	4											Set foresail.
4	8	6	"	"	4		30.54	60	54	52	50	b.c.	ci st	9	S	
5	8	5	"	"	4											
6	8	5	"	E×S	4											
7	8	0	"	E	4											
8	6	0	"	E×N	4		30.54	60	54	52	51	b.c.	ci st.	9	S	
9	5	2	"	"	4											
10	7	0	"	"	4											Took in foresail.
11	7	2	"	"	4											
12	6	8	"	"	4		30.60	60	50	48	48	b.c.	Cum	9	S	

Lat. by D. R. 36° . 45' . 42" S

Long. by D. R. 55°. 50' . 00" W

Lat. by Obs. 36°. 43' . 09" S

Long by Obs. 55° . 12' . 48" W

Dist. per Log,

Rate of Current, .4 Knots

Set " " N 89° W

Variation of Compass, 9° 00'. 00" E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	8	S×W	E	4											
2	7	0	"	"	4											
3	7	4	"	"	4											
4	7	6	"	"	4		30.52	65	52	50	56	b.c.	ci st-	9	S	
5	6	8	"	"	4											
6	7	0	"	"	4											
7	8	0	"	"	4											
8	7	5	"	"	4		30.50	66	50	49	56	b.c.	ci st-	9	S	
9	7	6	SSW	"	4											
10	6	6	"	E×N	4											
11	6	4	"	ENE	4											
12	7	2	"	"	4		30.42	60	50	48	48	b.c.	Cum	4	S	

REMARKS:

June 11th 1882

Weather clear + pleasant the breeze being moderate from Ea At 2 A.M. stopped and took soundings Bottom at 11 fathoms. Bottom being sand + shell. Quarters at 9 A.M. and the Commdg. Officer inspected the ship. Sent down fore royal yard on account of the weakness of the topgallant mast.

LOG OF U. S. Steamer Essex Commanded by A H McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	2	SSW	ENE	4											Plain sail Except fore royal spanker and mainsail
2	7	2	"	"	4											
3	7	2	"	"	4											
4	8	0	"	"	4		30.28	56	51	48	48	Fcm	nim	1	S	
5	9	0	"	"	6											
6	8	6	"	"	4											
7	8	0	"	"	4											
8	8	4	"	"	4		30.19	67	51	49	48	ocgd	nim	0	S	Hauled down flying jib.
9	8	0	"	"	6											
10	7	6	"	"	5											
11	8	0	"	"	5											Took in main trysl + jib
12	9	0	"	"	6		30.08	67	50	49	48	ocrf	nim	0	M	

Lat. by D. R. 39.°22'.5-2" S

Long. by D. R. 56.°5-8'.5-2" W

Lat. by Obs.

Long by Obs.

Dist. per Log, 182.4 Knots.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	9	2	SSW	NE	4											
2	9	2	"	"	6											
3	8	8	"	"	5											
4	8	8	"	"	5		29.90	57	50	49	48	ocrf	nim	0	M	Took single reef in topsails
5	7	0	"	"	5											
6	6	0	"	"	5											
7	6	2	"	NNE	5											
8	6	0	"	"	4		29.80	67	50	47	46	ocrf	nim	0	M	
9	5	0	"	"	3											
10	5	0	"	"	3											
11	5	6	"	N	3											
12	6	8	"	NNW	3		29.69	52	51	45	45	ocf	nim	0	M	

REMARKS:

June 12th 1872

Overcast + threatening weather the wind blowing in stiff squalls from the N.N.E. At 4.5-0 called all hands and took single reef in topsails. Sent Topgallant yards on deck. The barometer fell rapidly during the day.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	6	SSW	N×W	4											Lowsail topsls stusls & tgalls
2	6	2	"	NNW	4.5											
3	6	0	"	NW	4.5											
4	5	8	"	NW×W	4		29.58	58	47	46	44	ocr	nim	0	m	Set fit
5	6	0	"	"	4											
6	6	4	"	"	5											
7	6	4	"	"	5											
8	7	0	"	"	5		29.47	55	48	47	44	ocdm	nim	0	m	Took ruf in topsls
9	7	0	"	WNW	6											" 2d reef in "
10	6	0	"	"	6											and 3rd ruf in fores'l.
11	7	0	"	"	6.8											
12	7	0	"	"	6.8		29.39	63	48	46	44	ocdm	nim	0	m	

Lat. by D. R. 41. 37. 1.6

Long. by D. R. 54. 45.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	2	0	SSW	NW	4.5											
2	3	0	"	"	3.4											
3	1	00	N"W	S"W	3											
4	2	0	NW×W	"	3		29.37	58	47	46	47	fog	nim	1	c	
5	1	4	WNW	SSW	4.6											
6	2	0	W×N	"	5.7											
7	2	0	"	"	5.7											
8	2	4	W½N	S×W	6.8		29.50	57	47	46	46	ocq	nim	0	B	
9	2	4	W×N	"	6.8											
10	2	0	"	"	6.8											
11	2	4	W	"	6.8											
12	2	2	"	"	6.8		30.04	54	47	46	46	ocqa	nim	0	B	

REMARKS:

June 10th 1892

Overcast foggy & equally with a stiff breeze from the NW & WNW strengthening into a gale from SW & WSW. Ship rolling easily to a long swell from NW. The barometer falling rapidly until 8 P.M.. Mustered at quarters at 8.30 & made out clothing requisitions.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	W × S	S	7-8	4										Double reef topsails
2	2	0	"	"	7-8	4										single " foresail &
3	2	0	"	"	7-8	4										Spanker
4	2	0	"	"	7-8	4	29.78	60	46	45-	46	ocgd	Nim	0	R	
5	2	4	"	"	7-8	3										
6	2	0	W ½ S	"	8-7	3										
7	2		W × S	S × W	6	3										Shook one reef out of
8	2		W	SSW	8-6	2½	29.90	60	46	45-	46	bcgm	Nim	3	R	topsails & set topgals.
9	2		W ½ N	"	3	1										
10	2		W × N	SW	3	1										
11	2		NW ½ W	"	2	1										
12	0		SSW	W	1	1	29.95	57	49	48	46	bc	ciCum	6	L	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	0	6	SSW	W	1										
2	0	6	"	"	1										
3	1	2	"	"	1										
4	2	0	"	"	1	29.99	69	44	47	46	bc	ciCum	6	L	
5	3	0	"	NW	2										
6	3	0	"	"	2										
7	3	2	"	NNW	2										
8	3	0	"	"	2	29.96	60	50	48	45-	bc	ciCum	7	L	
9	3	2	"	"	1										
10	3	2	"	"	2										
11	2	5	"	WNW	2										
12	1	8	S ½ W	W × S	2	30.00	54	50	49	48	bc	f ciNim	7	S	

REMARKS:

June 14th 1882

Weather overcast and foggy with moderate to light breezes from Sa & Wd and Na & Wa. at 9.40 got a cast of the lead and found 44 fathoms of water. At 1 P.M. a summary court martial convened for the trial of John McGowen (Seaman). At 4.30 called all hands to muster and read the decisions of the Courts in the cases of McKinnon & McGowen and also the sentences were read.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	S	W×S	3											Plain sail & topsails in after mainsail
2	4	0	SSE	SW×W	3											
3	3	6	"	"	3											
4	2	2	S×E	WSW	3		30.10	51	49	48	47	Fg.	cirro-strat.	8	S	
5	1	5	SSE	SW×W	1											
6	1	5	"	"	1											
7	2	5	SSE½E	SW	2											Set main royal
8	2	5	"	"	2		30.16	51	49	48	48	Fr.	cirst.	9	S	
9	2	4	SE×S	SW×S	2											
10	2	4	"	"	2											
11	2	0	SSE½E	SW	1											
12	1	4	S×E½E	SW×W	1	1	30.24	70	49	47	48	Fr.	cirst	9	W	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	1	4	S×E	SW×W	1											
2	1	4	S×E½E	"	1											
3	1	2	"	"	1											
4	1	2	SSE	"	1		30.26	54	48	47	47	Vc	cirst-	4	S	
5	No observation			Calm	0											Took in foresail & mizzen
6			"	"	0											
7			"	"	0											
8			"	"	0		30.32	54	50	48	47	Vc	cirst	9	S	
9			"	"	0											
10			"	"	0											
11			"	"	0											
12			"	"	0		30.32	60	51	49	47	Fog	cirst	8	S	

REMARKS:

June 15th 1872

Clear & pleasant with light breeze from SW & WSW mustered at quarters at 9 A.M. and inspection crew, Aired bedding. Served out clothing during the afternoon. Quarters with 4.40 P.M. the barometer gradually rising during the day.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	0	0	SSW	NE	0-1											Topsls, topgls'ls, jib, fore sail and topmast staysl.
2	0	0	"	"	0-1											
3	1	0	"	"	1											
4	1	0	"	"	1		30.28	58	51	49	47	bc	cirst	9	8	
5	1	8	"	"	1											
6	1	0	"	"	2											
7	3	0	"	"	2											Set main royal
8	3	6	"	"	2		30.26	65-	59	57	59	bc	cirst	8	5	Hauled down jib.
9	3	5-	"	NNE	2											
10	3	5-	"	NE	2											
11	4	5-	"	"	3											
12	4	5-	"	"	3		30.26	69	43	40		bc	cirst-	9	5	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	4	SSW	NE	3											
2	5-	0	"	"	3											
3	5-	8	"	"	4											
4	6	4	"	"	4		30.30	65-	49	47	47	bc.	cirst-	0	5	Set jib + main trysl.
5	6	0	"	"	4											
6	6	0	"	"	4											
7	7	0	"	"	4											Took in main royal
8	6	6	"	"	4		30.30	62	47	45-	47	bc.	cirrus	2	5	
9	6	5-	"	NExN	4											Took in main trysl
10	6	5-	"	"	4											
11	6	0	"	NNE	4											
12	6	0	"	N	4		30.22	62	50	48	47	bc.	cirrus	5-	5	

REMARKS:

June 16th 1882

Clear + pleasant with moderate breeze from NE + Ea Barometer high + steady during the day. Mustered at fire quarters 9.15-. Evening quarters at 4.40.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	8	S x W	NW	3											Fore + aft sail + foresail
2	9	0	"	"	4											Steam
3	9	0	"	"	4											Hauled down fore.
4	9	4	"	"	4		29.60	58	46	44	45-	F.C.	air clr	6	S	
5	9	0	"	WNW	5											
6	9	0	"	"	5											Took in spanker
7	8	5	"	W x N	5											
8	8	0	"	"	5		29.51	56	48	46	46	F.C.	Cirr clr	2	R	
9	6	0	SSW ½ W	"	5											
10	7	4	"	W	4											
11	7	4	"	W x S	5											Took in foresail.
12	8	0	"	"	5		29.42	69	49	46	46	F.C.	Cirr clr	1	M	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	6	6	SSW ½ W	W x S	4											Jib fore + mast staysl + steam
2	6	6	"	"	3											
3	6	6	"	"	3											
4	6	6	"	"	3		29.41	59	48	45-	46	F.C.	Cirr Cumr	1	M	
5	7	4	"	W x N	3											Set fore C, spanker, + flying jib.
6	8	0	"	"	3											
7	8	0	"	"	3											
8	6	4	"	"	3		29.29	57	49	45-	45-	F.C.	air Nim	6	S	
9	8	0	"	"	3											
10	8	2	"	"	3											
11	8	8	"	"	4	4										Took in flying jib
12	8	4	"	"	3		29.20	65-	46	44	43	F.C.g.	air clr.	9	B	Took in jib + spanker

REMARKS:

June 19th 1862

Weather overcast + cool with fluffy bergs from NW to W. Mustered at quarters at 9.15 - and inspected crew. At 9.20 sent down main royal yard + fore + main topt yards. Mustered at quarters + inspected crew at 4.20.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	6	SSW½W	W	4											Lookin forsail.
2	6	0	"	WSW	4-5											
3	6	8	"	W	4-5											
4	6	8	"	"	5-4	29.6	55	46	43	48	beip	cim	8	m		
5	6	6	"	"	3-4											
6	6	6	"	"	3-4											
7	5	0	"	"	6-8											Hauled down staysail
8	4	6	"	"	6-8	29.29	62	46	44	48	beq	cim	2	m		and set foretopmast staysl
9	3	0	"	"	6-8											
10	3	5	"	"	6-8											
11	3	0	"	WxS	6-8											
12	2	0	"	"	6-8	29.36	62	44	42	45	beq	cicim	4	m		

Lat. by D. R. 51°. 8'. 28"

Long. by D. R. 67°. 00'. 00"

Lat. by Obs. 51°. 16'. 58"

Long by Obs. 67°. 26'. 00"

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass, 19. E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	6	SxW	WSW	6-8											
2	2	6	S¾W	"	6-8											
3	2	6	S	SW	6-8											
4	3	0	S½E	"	6-8	29.57	61	43	39	43	fog	cicl	4	R		
5	3	2	SxE	"	6-8											
6	3	2	S½E	"	6-8											
7	3	2	"	"	6-8											
8	3	6	"	"	6-8	29.73	62	42	38	43	fog.	cicl	9	R		
9	3	0	S½W	"	6-8											
10	2	0	"	"	6-8											
11	2	0	S	"	6-8											
12	2	0	"	"	6-8	29.82	63	42	38	44	fog.	cicl	9	R		

REMARKS:

June 20th 1862

Weather clear and pleasant with stiff breeze from SE & W a 4 P.M. got a sounding and found 58 Faths. Bottom hard & sandy. at 8 am. got an other sounding 15 Fathoms. Muster at quarters at 9 15 and inspection the crew. The sea was rough and the wind strong during the day. Under storm canvas and Steam.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	6	S	SW	5.7	C										
2	2	0	S 5 2 0 W	"	5.7	3										Fore + aft sail + Steam
3	4	5	S 2 0 W	"	6.7											Fore in all sail
4	4	5	"	"	6		29.90	67	49	39	44	F.		10	R	
5	5	0	"	"	4											
6	3	0	"	"	3											
7	7	8	"	"	4											
8	8	0	"	NW	4		30.00	63	41	38	44	F		10	M	
9	8	0	"	"	4											
10	7	0 5	S ½ W	"	3											Set fore + aft sail.
11	10	0	S	"	4											
12	3	0	W S W	N N W	4		29.92	54	38	36	44	F.		10	S	

Lat. by D. R. Possession Bay

Long. by D. R. Straits of Magellan

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	7	5 5	W S W W ½ S	N W	4											Look in fore + aft sail.
2	9	0	"	"	4											
3	9	0	N W ½ W 3/4 W	"	3											
4	Caution		N W	"	2		29.78	64	40	37	41	F.r.	st.	9	S	
5	"		"	"	3											
6	"		"	"	3											
7	"		"	"	2											
8	"		"	"	2		29.78	64	45	39	44	F.r.	air	7	S	
9	"		"	"	3											
10	"		"	"	4											
11	"		"	"	3											
12	"		"	"	8		29.70	57	37	34	41	Fog	air	8	S	

REMARKS:

June 21 st 1882

Weather clear + pleasant with moderate breeze from N.W. + W.N.W. At 7.45- got a sounding in 45-fathoms of water hard bottom. Stopped to set up on some of the rigging and then went on again at 8.45- Sighted land bearing W.S.W at 9.5-0 Sighted Cape Virgins on starboard bow. At End of forenoon watch. At 11.30 Sighted Beacon off Cape Virgin. and also land on port bow. At 2.5-0 called "all hands bring ship to an anchor" at 2.25- let go starboard anchor in 11 fath. of water and veered to 60 fathoms of cable. Evening quarters at 4.45-. Direction Hill beacon S.W. 3/4 W. Beacon Beacon E.N.E. Possession Bay.

LOG OF U. S. Steamer Essex Commanded by A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor		NW	NW	4											
2	"		"	"	4											
3	"		"	"	4											
4	"		"	"	4		29.65	48	40	37	41	b.c.	ci Cum	2	5	
5	"		"	WxW	2											
6	"		W x S	W x S	2											
7	"		"	"	2											
8	"		"	"	2		29.71	61	40	37	41	b.c.	ci Cum	2	5	
9	8	0		SW	3											
10	8	0		"	2											
11	8	0		"	4-5											
12	8	0		"	4-5		29.70	61	41	38	39	b.c.	ci Cum	8	5	

Lat. by D. R.

Long. by D. R. Straits of Magalhaens + anchored off Elizabeth

Lat. by Obs.

Long by Obs. Island

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	4	0	SW ½ W	SW	5-7											
2	4	0	SW x W	"	5-7											
3	7	0	"	"	8											
4	6	4	SW ½ S	"	8		29.60	50	40	39	40	fog	ci Cum	8	m	
5	7	6	"	"	7											
6	at Anchor		SW	"	5-											
7	"		"	"	5-											
8	"		"	"	4		30.00	60	44	37		fog	ci Cum	9	m	
9	"		"	"	5-											
10	"		"	"	5-7											
11	"		"	"	7											
12	"		"	"	6		30.07	57	39	37		fog	ci Cum	7	m	

REMARKS:

June 22d 1872

Weather overcast + cool with moderate breeze from Sa + Wa. At 7.30 called all hands up anchor + at 8 went ahead steaming for Elizabeth Island. At 4.45 reached Elizabeth Island and let go port anchor in 7 fathoms of water and buried to 6 fathoms. Went to quarters at 5.15. Passed an argentine man of war at 10 a.m. Bays Martin Ivory N E x E a little Easterly Sylvesta Pt E. Near Elizabeth Island

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at anchor		SW	SW	5											
2	"		"	"	5											
3	"		"	"	5											
4	"		"	"	5		30.14	49	39	37		Fr	Cir Cum	6	S	
5	"		"	"	4											
6	"		"	"	3											
7	"		"	"	2											
8	"		"	"	2		30.21	57	39	37		Fr.	Cir St	0	S	
9	"		"	"	2											
10	"		W	"	2											
11	"		"	"	3											
12	"		WSW	"	3		30.26	65	40	37		Fr.	Cir St.	0	S	

Lat. by D. R.

Long. by D. R. Elizabeth Island Sts of Magalhaens

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	NW	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		29.80	64	37	36		Cr.	Nim	0	S	
5			WSW	WSW	1											
6			S W	"	1											
7			"	"	1											
8			"	"	1		29.74	70	40	37		Cr.	Nim	0	S	
9			S x E	E	1											
10			E x E	"	1											
11			E	"	1											
12			"	"	1		29.70	68	38	37		Cr.	Nim	0	S	

REMARKS:

June 23th 1878

Weather overcast and cloudy with light breze from N^a to W^a (General quarters at 9 h- and fires at target with) Lowered dinh at 9 A.M. and Furled Jowell + topsail at 11.30 at 1 P.M. Furled light- sails + stowed Spanker and below. At 8 s- Exercised at fire quarters. At 4.30 Mustered at quarters Fires Banked

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N × E	N × E	2											
2			"	"	2											
3			"	"	2											
4			N N E	"	2		29.89	51	87	34		Bcm	ci	6	5	
5			"	N W × N	2											
6			N W	"	2											
7			"	"	2											
8			W S W	"	2		29.82	57	84	86		Bc.	ci	0	5	
9			"	S W	2											
10			"	"	2											
11			"	"	2											
12			"	"	2		29.80	60	44	38		o.c.	ci Cum	0	5	

Lat. by D. R.

Long. by D. R. Elizabeth Island

Lat. by Obs. Str of Magalhaens

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	N W	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		29.80	64	87	86		o.c.	Cum	0	5	
5			W S W	W S W	1											
6			W	"	1											
7			"	"	1											
8			"	"	1		29.78	70	40	37		o.c.	Cum	0	5	
9			S × E	E	1											
10			E N E	"	1											
11			E	"	1											
12			"	"	1		29.70	68	38	37		o.c.	Cum	0	5	

REMARKS:

June 24th 1892

Weather overcast + cloudy with light breezy from N.E + W.S.W. Musters at general quarters at 9.15 a.m. and fired at target with Gatling gun 1st in guns + small arms. Expended 40 lbs of cannon Powder 4 rounds in cannister + 500 rounds of small arm ammunition. Light rain + hail during the afternoon

LOG OF U. S. Steamer Essex Commanded by A. H. McConnech U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		W	Calm	0											
2			NW	NW	1											
3			"	Variable	0-1											
4			N	SE	1		29.68	67	38	37		ocr	trin	0	S	
5			WSW	NW	1											
6			W	"	2											
7			SW×S	Variable	0-1											
8			SW	Calm	0		29.69	68	44	39		fc.	cir st	6	S	
9			"	"	0											
10			E	"	0											
11			"	"	0											
12			NW	"	0		29.74	67	43	40		fc.	cir st	6	S	

Lat. by D. R.

Long. by D. R. Elizabeth Islands

Lat. by Obs. St J Maguelhaens.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		WSW	NW	2											
2			W	N	2											
3			W	"	2											
4			NNW	"	2		29.70	65	43	40		fc	cir st	8	S	
5			"	"	1											
6			WSW	"	1											
7			SW	"	1											
8			"	"	1		29.62	65	42	41		fc.	cir cum	9	S	
9			"	"	1											
10			"	"	1											
11			"	"	1											
12			"	"	1		29.91	68	41	34		fc	cir cum	9	S	

REMARKS:

June 25th 1872

Clear overhead in morning with heavy bank of clouds on the horizon. A large Belgian regular steamer heading to Ea at 10. A.M. mustered at quarters and comds. Officer inspection. at 10.30 loosed sail and sent liberty party on shore. Furled sail at 3 P.M. and sent light sails & stopped distilling at 11.30 P.M.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		W & W	W.	1											
2	"		"	"	1											
3	"		W	"	1											
4	"		"	N W	1		29.96	69	39	38		Fr.	alt	9	5	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	Underway		"	"	1		30.03	62	39	39	39	fr.	cirst	9	5	
9	7	2	"	"	1											
10	9	4	"	N N W.	1											
11	9	0	"	"	1											
12	anchored		N W	N x W	1		30.01	64	40	40		Fr.	cirst	9	5	

Lat. by D. R.

Long. by D. R. Elizabeths Island + Sandy Point

Lat. by Obs. Sts of Magathaens

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		N	N	2											
2	"		"	"	2											
3			N x E	"	1											
4			"	"	1		30.09	68	42	40		Fr.	cirst	7	5	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			"	"	1		30.04	68	39	38		Fr.	cirst	6	5	
9			N E	N E	3											
10			"	"	2											
11			"	"	2											
12			"	"	2		29.94	63	42	39		Fr.	Cir	4	5	

REMARKS:

June 26th 1882

Weather clear & pleasant called all hands up & anchor at 4.30 Got under way and stood for Sandy Point. Went to quarters at 9.15 and at 10.00 called all hands Bring ship to an anchor at 11.05 let go port anchor in harbor of Sandy Point in 10 fathoms of water veering to 60 fathoms of chain. Cemetary cross bearing W ½ S. Light House NW ½ N Ships head NW x N. Laid at lighter with coal along side took coal on board and sent lighter back Fires banked

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NxE	NE	3											
2			"	"	3											
3			"	"	3											
4			"	NNW	3		29.86	57	40	37		O.C.	cir nim	0	6	
5			"	NNE	4											
6			"	NE	5											
7			"	"	4											
8			NExE	"	3		29.75	60	42	41		Q.C.	cumst	1	5	
9			"	"	2											
10			NNE	"	2											
11			"	"	2											
12			"	"	2		29.75	65	45	43		cldy	cumst	0	5	

Lat. by D. R.

Long. by D. R. Sandy Point Straits of Magalhaens

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	NE	1											
2			"	"	2											
3			NExN	"	2											
4			"	"	2		29.68	69	44	42		O.C.	nim	0	5	
5			"	"	2											
6			NE	"	2											
7			"	"	1											
8			"	"	1		29.69	70	45	44		O.C.	nim	0	5	
9			N	"	1											
10			NE	"	1											
11			SE	"	1											
12			"	"	1		29.51	62	45	44		O.C.	nim	0	5	

REMARKS:

June 27th 1882

Weather overcast cloudy & drizzly rain. Muster'd at quarters at 9.15 - received on board 17 tons Steam Commanding Officer paid official visit to authorities on shore. About 9.45 - P.M. steamer came in from sea & anchored.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S W x S	S W	1											
2			"	"	1											
3			"	"	1											
4			S x E	"	1		29.56	60	45	43		o cm	Nim	0	0	
5			N E x E	E	1											
6			N	N E x E	2											
7			N N E	N	1											
8			"	N N E	1		29.66	68	44	42		o.c.	cir cum	0	0	
9			N W	"	2											
10			"	N W	2											
11			"	"	2											
12			N N W	N N W	2		29.69	70	44	42		g.c.	cir	8	0	

Lat. by D. R.

Long. by D. R. Sandy Point

Lat. by Obs. Straits of Magalhaens.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N N W	N N W	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		29.78	65	48	46		g.c.	cir	1	0	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			"	"	1		29.80	67	44	42		g.c.	cir	1	0	
9			"	"	1											
10			N W	W	1											
11			S S W	S S W	1											
12			"	"	1		29.82	68	43	42		Gcd	Nim.	1	0	

REMARKS:

June 28th 1872

Weather cloudy and the wind was light from N a + E a + N a + W a. Secured boats for gun & hoisted in Catamaran At 9 15- mustered and inspected crew at quarters Evening quarters at 4 45- Thompson (Sea) was placed in double irons for using insolent language to Officer in charge of boat.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S S E	S S E	1											
2			"	"	1											
3			"	"	1											
4			"	"	1		29.80	72	41	41		O.C.	Nim	0	S	
5			S S E	"	1											
6			"	"	1											
7			S E x S	"	1											
8			"	"	1											
9			S	S S W.	1		29.80	68	45-	45-		O.C.	Nim	0	S	
10			"	"	1											
11			"	"	1											
12			"	"	1		29.78	70	45	43		O.C.	Nim	0	S	

Lat. by D. R.

Long. by D. R. Sandy Point Sts of Magalhaens

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S S W												
2			"	"												
3			"	"												
4			S x E	"			29.70	72	42	42		ocd	Nim	0	S	
5			S S W	"												
6			S	"												
7			S x W	"												
8			"	"			29.67	62	43	42		O.C.	Nim	0	S	
9			S S E	"												
10			S x W	"												
11			"	"												
12			"	"			29.64	58	43	42		O.C.	Nim	0	S	

REMARKS:

June 29th 1872

Weather overcast + misty with occasional showers. Hove in chain + secured boats + Almanacs and made preparations for getting under way. A heavy mist arose obscuring the land marks + and the Capstan bars unrigged and chain veered to 60 fathoms. Banked fires. A German Steamer came in + anchored

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		S×W	S×W	1											
2	"		SSW	SSW	1											
3	"		"	"	1											
4	"		"	SW	1		29.58	53	42	41		Sc	Nim	0	S	
5	"		S×E	S×E	0-1											
6	"		"	"	1											
7	"		S×W	Calm	0											
8				N×W	0		29.60	58	47	45	44	Oc	Nim	0	S	
9	4	0		S	0-1											
10	9	0		"	1											
11	9	2		"	1											
12	9	4		"	2		29.60	68	44	42	43	Fc.	Cir Cum	3	S	

Lat. by D. R.

Long. by D. R. Straits of Magalhaens

Lat. by Obs. Anch

Long by Obs. St Nicholas Bay

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	anchor		W	W	1											
2			SW×W	NW	0											
3			"	"	1											
4			SW	"	1		29.57	65	45	44		Ocd	Nimb	0	S	
5			W	W×N	1											
6			W×N	"	1-3											
7			N	W	1-4											
8			"	"	1-4		29.54	65	45	43		Fc.	Nimb	2	S	
9			W×N	"	1-3											
10			"	"	1-3											
11			"	"	1-3											
12			NW×W	NW×W	1-3		29.70	58	45	42		Fcm.	Cum	3	S	

REMARKS:

June 30th 1872

Weather overcast with moderate variable winds got up anchor at 8 AM. and stood down Sts of Magallans under Steam. John Thompson was placed in double irons to await trial by court martial for drunkenness on duty and using insolent language to Officer of boat At 12 40 stood in to anchor in St Nicholas Bay and at 1 P.M. let go anchor in 10 fathoms of water + veered to 45 fathoms of chain. West end of Sanchez Island Bearing E E $\frac{3}{4}$ N Harcott Pt. S Ships head W×N

LOG OF U. S. S. "Essex" Commanded by Comdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		WSW	N×W	1-4											
2	"		S×W	"	1-4											
3	"		S×E	"	2-3											
4	"		"	SSW	1-2		29.79	55	44	42		Foggy	Cir	2	S	
5	"		N	NW	1-3											
6	"		NE	"	4											
7	"		"	"	6											
8	Standing from	anchorage	"	"	5-6		29.87	64	43	37		Foggy	Cir Cum	5-	S	
9	8	4		N×W	5-6											
10	8	4		"	5-6											
11	8	4		"	5-6											
12	8	4		"	5-6		29.92	62	43	40		Fog.	Cir St.	6	S	
1	8	0		W×N	5-											
2	8	0		"	6											
3	2	4		"	2											
4	Anchored		NW	W	2		29.93	57	43	39	39	Fog.	Cir Cum	4	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		NNW	"	2											
8	"		E	"	1		29.96	65-	43	40		Fog.	Cir Cum	3	S	
9	"		"	Calm	0											
10	"		"	"	0											
11	"		W	"	0											
12	"		"	"	0		29.95	65-	42	40		Fog.	Cir Cum	0	S	

Lat. by D. R.

Long. by D. R. Sts of Magellan &

Lat. by Obs. Boya Bay

Long by Obs. Palaguin

Dist. per Log, 33.2.

Rate of Current,

Set " "

Variation of Compass,

REMARKS:

July 1st 1872

Weather clear & squally. Got up anchor at 7.30 and stood out from anchorage. Mustered at quarters at 9.15- At 2.21- Came to in Boya Bay with port anchor & 15 fathoms of chain and veered to 60 fathoms Rosario Pt bears. (S.C.) SSW½W Isabel Pt E¾N Ships Hd NW×N Mustered at quarters at 4.30

LOG OF U. S. S. "Essex" 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		S	S E	1			1								
2	"		N N W	"	1			1								
3	"		"	"	1			1								
4	"		W	N.W.	1		29.86	1	42	39		Fg.	Cir Cum	2	S	
5	"		"	"	1			1								
6	"		N N W	"	1			1								
7	"		N W	"	1			1								
8	"		W ½ N	N N W	1		29.88	1	41	39		Ove.	Cir Cum	0	S	
9			"	N W	1			1								
10	11	0	"	E S E	3			3								
11	10	5	W N W ½ W	"	4			4								
12	8	0	W N W ½ W	"	5		29.74	5	47	43		Fg.	Cir Cum	1	S	

Lat. by D. R.

Long. by D. R. Straits of Magalhaens + Lamar Bay Palapoma

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1				E.S.E.	4											
2				"	4											
3	Anchored		S E ½ E	E N E.	2											
4	"		E S E	"	2		29.87	5	46	44		Ove.	Cir Cum	0	S	
5	"		S E	"	1											
6	"		"	"												
7	"		"	"	1											
8	"		N W	W	1		29.64	5	48	44		Ove.	Cum	0	S	
9	"		N W.	W	1											
10	"				1											
11	"		W N W	"	1											
12	"		N W	"	1		29.79	6	48	41		Ove.	Cum	0	S	

REMARKS:

July 2nd 1872

Weather overcast + cool at 7.45 - A.M. called all hands and got up anchor and stood out of Borja Bay. At 2.15 - P.M. called all hands to bring ship to anchor and anchored in Lamar Bay in 17 fathoms of water + veered to 45 fathoms on Starboard chain. Bearings of Anchorage is follows.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		W	Calm	0											
2	"		"	"	0											
3	"		"	"	0											
4	"		"	"	0		29.57	65	48	42		O.C.d.	Nim	0	S	
5	"		S.W.	"	0											
6	"		N.W.W	W	1											
7	"		N.N.W	"	1											
8	"		W.S.W	"	2-4		29.60	62	45	43		O.C.gm.	Nim	0	S	
9	"		"	N.W.	2-4											
10	"		"	W.S	3-6											
11	"		"	"	3-5											
12	"		W	"	1		29.62	67	45	43		O.C.	Nim	0	S	

Lat. by D. R.

Long. by D. R. Lazaar Bay Sts of Magalhaens Patagonia

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	N.N.E.	1											
2	"		"	"	1											
3	"		E.S.E.	Calm	0											
4	"		"	"	0		29.48	69	48	46		O.C.	Nim	0	S	
5	"		N.E.	N.N.E	1											
6	"		"	E	2											
7	"		"	N.E	1											
8	"		"	"	0-1		29.34	64	46	44		O.C.	Nim	0	S	
9	"		"	"	0-1											
10	"		"	"	0-1											
11	"		"	"	1											
12	"		E.N.E.	"	1		29.26	66	47	45		O.C.	Nim	0	S	

REMARKS:

July 3rd 1872

Weather rainy threatening and disagreeable with heavy squalls + falling barometer. At 8.50 let go port anchor + veered to 30 Fathoms on port cable + 6 on Starboard Mystarin at quarter at 9.10 – Fires banked. During the afternoon hove up port anchor.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
	Anchor		W×S	W	3-5											
1			"	"	3-5											
2			"	"	3-7											
3			"	"	3-8		29.30	67	48	46		oc.g.	nim	0	S	
4			"	"	3-9											
5			W	"	3-7											
6			"	"	3-6											
7			"	"	3-7		29.34	66	48	46		oc.gp.	nim	0	S	
8			"	"	3-8											
9			"	"	3-7											
10			W.S.W.	"	3-7											
11			W	"	3-7		29.42	67	47	45		ocgp	cimim	0	S	
12																

Lat. by D. R. Lamar Bay

Long. by D. R. Isle of Mitzalhaven

Lat. by Obs. Palapwin

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1			W	W	3-5											
2			"	"	3-5											
3			WSW	"	3-6											
4			W	"	3-7		29.44	67	47	45		ocgr	nim	0	S	
5			"	"	3-8											
6			"	"	3-7											
7			"	"	3-6											
8			NW	"	3-7		29.50	65	46	44		ocgr	nim	0	S	
9			"	"	3-7											
10			SE×E	"	3-8											
11			ESE	"	3-7											
12			E	"	3-7		29.49	63	47	44		oc	cimim	0	S	

REMARKS:

July 4th 1892

Weather overcast + threatening with heavy rain squalls from the Westward. Barometer varying slowly. At 1 a.m. let go Port anchor + veered to 60 fathoms on PORT chain + go on Starboard. At 8 a.m. Arrived this.

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		E.N.E.	N.E.	2-3											
2	"		"	"	2-3											
3	"		"	"	2-3											
4	"		N.E.	"	3-6		28.95	63	42	40		ocgr	Nim	0	S	
5	"		"	NNE	3-6											
6	"		"	"	3-6											
7	"		"	"	3-6											
8	"		"	"	3-4		28.90	63	41	40		ocgr	Nim	0	S	
9	"		"	"	3-4											
10	"		S	Variable	3-4											
11	"		"	"	3-7											
12	"		W	"	3-5		28.98	64	43	41		ocgr	Nim	0	S	

Lat. by D. R.

Long. by D. R. Tamar Bay

Lat. by Obs. Ft of Magalhaens

Long by Obs. Patagonia

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	W x N	3											
2	"		"	"	3-5											
3	"		"	"	3-5											
4	"		WSW	"	3-6		28.99	70	44	42		bcgr	Nim	4	S	
5	"		"	"	2-4											
6	"		"	"	2-4											
7	"		"	"	2-4											
8	"		"	"	2-4		29.00	67	44	42		Fcm.	ciCum	7	S	
9	"		"	"	3-7											
10	"		W	"	3-7											
11	"		"	"	3-7											
12	"		"	"	4-7		29.05	63	42	40		bcgr.	ciCum	9	S	

REMARKS:

July 5th 1892

Weather squally & raining the wind coming in stiff squalls from the N.E. & N.W. quarter. Hove in 60 fathoms on Starboard chain 45 fathoms on Port. Fires banked.

LOG OF U. S. S. Essex 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	WNW	2-8											
2	"		"	"	2-3											
3	"		NNW	"	3-4											
4	"		W	"	3-6		28.95	5-0	42	40		ocgr	rain	0	8	
5	"		NW	"	3-6											
6	"		"	"	3-6											
7	"		"	"	3-6											
8	"		"	"	3-4		28.90	63	41	40		ocgr	rain	0	S	
9	"		"	"	3-4											
10	"		NNW	W	3-4											
11	"		W	"	3-7											
12	"		"	"	3-6		28.98	69	43	41		ocgr	rain	2	S	

Lat. by D. R. Lamar Bay

Long. by D. R. Str of Magellan

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	W by N	8											
2	"		"	"	3-5											
3	"		"	"	3-6											
4	"		W & W	"	3-6		29.99	70	44	42		Fogr	rain	4	8	
5	"		"	"	2-4											
6	"		"	"	2-4											
7	"		"	"	2-4											
8	"		"	"	2-4		29.00	67	44	42		Fogr	Ci Cum	7	S	
9	"		"	"	2-4											
10	"		W	"	3-7											
11	"		"	"	3-7											
12	"		"	"	4-7		29.05	68	42	40		Fogr	Ci Cum	9	S	

REMARKS:

July 6th 187-

Weather squally & rainy. Begun scaling at 9 a.m. Veered to 90 fath. on starboard chain Banked fires.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		W	W	3.7											
2			"	"	3.7											
3			"	"	5-											
4			"	"	4.5-		29.10	5.8	43	40		ocgfs	Nim	0	S	
5			"	"	5-											
6			"	"	4											
7			"	WSW	4											
8	Getting	under	way	"	4		29.16	70	43	41		Bcm	Ci Cum	3	S	
9				"	4											
10	8	0		W	4											
11	8	4		"	4											
12	4	5-		"	4		29.12	55-	43	43	43	Beg.	Ci Cum	1	S	

Lat. by D. R. Lanyar Bay +
Long. by D. R. Sunday Bay,
Lat. by Obs. Desolation Is
Long by Obs. Str of Magellan

Dist. per Log,
Rate of Current,
Set " "
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Standing in for		WSW	"	4											
2	Anchorage		"	"	2.6	6										
3	Anchored		WSW	"	2.5-											
4	"		"	"	2.6		29.14	60	44	41		Bcfgsh	ci nim	2	S	
5	"		WxN	"	2.4											
6	"		"	"	1.3											
7	"		"	"	1.2											
8	"		NW	"	1.3		29.16	67	43	40		bcgsh	ci nim	2	S	
9	"		NE	"	1.5											
10	"		"	"	1.3											
11	"		"	"	1.3											
12	"		"	"	2.4		29.12	60	40	38		ocgs	Cum nim	0	S	

REMARKS:

July 7th 1872

Weather overcast + squally at 7.25 - Called all hands unmoor ship. Hove in 15 faths on port chain + then hove up starboard anchor + then port anchor. At 12.30 stood into Sunday Bay and came to with both anchors in 21 fms of water at 1.30 and veered to 60 fms on starboard chain and 45 on port. At 1.30 hoisted in launch. Bearings of anchorage (P.C.) Island NExE Left hand point of Entrance ExN. Right hand point of entrance to basin SW. Ships head SW Banked fires.

LOG OF U. S. S. "Essex" Commanded by Commdr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	8	SW½W	ESE	3											All p. sail except w clew of mainsail + spanker. also topmast + lgt studdsls.
2	6	0	"	"	3											
3	5-	4	"	"	3											
4	4	5-	"	"	3		30.25	69	66	62	67	Fc.	cir	9	S	
5	4	4	"	"	3											
6	4	8	"	"	3											Set weather clew of mzl.
7	4	2	"	E	3											
8	5-	2	"	"	3		30.27	67	67	62	67	Fc.	cir	7	S	
9	6	0	"	SE×E	4											Look in port studdsls + set spanker
10	5-	5-	"	SE	4											
11	5-	6-	"	"	4											
12	5-	0	"	SSE	3		30.24	69	69	64	68	Fc.	cir	6-	S	

Lat. by D. R.

Long. by D. R. Tuesday Bay + Sts of Magellan

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	5-	6	SW×W½W	SSE	3	¼										All plain sail.
2	6	5-	WSW	"	0	¼-½										
3	5-	5-	"	"	2	½-¼										
4	4	5-	W½S	S	2	¼	30.17	69	68	64	68	Fc.	cir			
5	1	0	W×S	"	0-1											
6	1	0	SW×W	SSE	0-1											
7	—	—	—	"	0-1											
8	2	0	SSW½W	E	1		30.25	71	70	67	68	Fc.	cir			
9	2	0	"	NE×N	1											
10	2	5-	"	"	1-2											
11	2	5-	"	"	1											
12	2	0	"	"	2		30.25	70	68	65-	68	Fc.				

REMARKS:

July 8th 1872

Weather overcast + threatening wind moderate from SE + NE at 8 am sent up topmasts and then got up anchor + stood for mouth of Sts. At 12.48 Cape Pillar Bore (p.c.) SSE ½ E. Took departure + shaped course W×S Steam in 6 boilers.

LOG OF U. S. S. Essex 3rd Rate Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	W x N	SW	3.6											Steam
2	6	0	"	"	3-6											
3	6	4	"	"	3-6											
4	6	8	"	"	3-6		29.51	48	48	41	46	Foggy	cum	7	m	
5	6	5-	"	W x N	3-6											
6	6	0	"	"	4-5											
7	6	0	"	"	4-5											
8	6	5-	"	NW	4-5		29.49	50	43	42	46	Foggy	Nim	0	m	
9	4	0	W	NW x N	4-7											Set fore + aft sail.
10	6	4	"	NW x W	4-7											
11	4	5-	"	WNW	5-6											Took in fore + aft sail.
12	3	0	"	W x N	5-6		29.37	65	45	44	46	Foggy	Nim	0	m	

Lat. by D. R. 51°. 08'. S.-4" S

Long. by D. R. 78°. 47'. 00" W

Lat. by Obs.

Long by Obs.

Dist. per Log, 165.3 Knots.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2		W	W x N	5-6											
2	2		"	W	5-6											
3	2		"	"	5-6											
4	2		"	"	5-6		29.30	53	47	44	46	Foggy	Nim	0	L	
5	4		"	"	5-6											
6	4	5-	N"W	"	5-6											
7	3	0	NW x W	"	4-7											
8	3	0	"	WNW	5-7		29.30	61	47	46	45	Foggy	Nim	0	R	
9	2	6	"	"	8											
10	2	0	"	NW x W	8											Set main trysle storm staysl topmast staysl + storm
11	2	4	"	"	7											
12	2	0	"	W	7		29.28	56	45	44	44	Fog.	Nim	4	R	Miggen

REMARKS:

July 9th 1872

Weather squally and disagreable with frequent hail storms and falls of snow Fires banked under four boilers.

LOG OF U. S. S. "Essex" 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	0	N.W.	W	4-8											Storm sail fore & aft.
2	4	8	"	"	4-8											
3	5	0	"	"	4-6											
4	5	2	"	"	4-7		29.35	50	46	43	45	Fogm	ci nim	8	M	
5	4	0	"	W×S	4-7											
6	5	0	"	"	4-7											
7	6	0	"	"	4-7											
8	5	4	"	"	4-6		29.44	47	46	44	45	Fog.	Mmk.	4	M	
9	5	0	"	W×N	4-5											
10	4	0	NW×N	"	4											
11	4	5	"	"	4											
12	5	0	"	NW	3		29.46	70	47	45	45	ocd	Mmk.	0	M	Took in all sail

Lat. by D. R. 50°. 25'. 00"

Long. by D. R. 80°. 35'. 00"

Lat. by Obs.

Long by Obs.

Dist. per Log, 95 15.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	0	NW×N	WNW	3											
2	5	0	"	NW×N	3											
3	4	8	"	"	3											
4	4	4	"	NNW	3		29.45	71	47	46	45	ocd	Nim	0	M	
5	5	0	"	NW×N	3											
6	5	8	"	"	3											
7	5	2	"	N	3											St fore storm staysl
8	5	6	"	"	3		29.07	67	47	46	45	ocr	Nim	0	M	storm mizzen - top staysl
9	5	5	"	NNE	4											
10	6	0	"	"	4											
11	6	0	"	NE×N	6											Set foresail
12	4	8	"	NW	7		29.14	60	50	49	45	ocr	Nim	0	M	Took in all sail.

REMARKS:

July 10th 1872

Overcast & threatening with stiff breze from 3d & Wn and Nd & Wn then shifting to Nth & Est blowing in stiff squalls. Steaming under 4 boilers making about 39 revolutions

LOG OF U. S. S. Essex 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	5	N x E	NW	6-7											Storm staysl + storm trysail
2	1	5	N N E	"	6-8											
3	1	5	"	"	6-8											
4	1	5	"	"	6-8	29.00	54	49	45	45	ocqs	Nimb.	0	R		
5	1	5	"	"	8-9											
6	1	5	"	"	8-9											
7	1	5	"	"	6-8											
8	1	2	N	NW x W	4-8	28.96	64	49	48	45	ocqs	Nimb.	0	R		
9	1	2	"	"	4-8											Set close reefed main topsl + storm staysl.
10	0	0	Drifting	NW	4-6											
11	0	0	& Current	"	4-6											
12	0	0	1/4 per hour.	"	4-6	28.96	58	48	46	45	ocqs	Nimb.	0	R		

Lat. by D. R. 49°. 40'. 30" S

Long. by D. R. 80°. 36'. 30" W

Lat. by Obs.

Long by Obs.

Dist. per Log, 77 Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	0	N E x N	NW	3-6											
2	1	0	"	"	2-3											
3	1	0	"	"	2-3											Look in fore + aft sail.
4	1	0	NW	S	4	28.90	65	48	47	45	ocqs	Nim	0	R		Set reefed foresail.
5	2	6	"	"	1											
6	3	4	"	S E	2											
7	3	0	"	E S E	2											
8	4	0	"	S E	3	28.79	64	48	46	45	ocq	Nim	0	R		
9	6	0	S W	"	3-10	28.65										Furled foresl + m topsl
10	3	0	"	"	3-10	28.65										+ set clew of m trysl +
11	2	0	"	"	8-10	28.54										storm trysail
12	2	0	"	"	8-10	28.59	52	41	40	45	ocqs	Nim	0	R		

REMARKS:

July 11th 1862

Overcast + raining the wind fresh heavy from N.W. + W.N.W. steaming slowly ahead + under four boilers.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	SW	SSE	3-7											Fore + aft storm sail.
2	2	0	"	"	3-7											
3	2	0	"	"	3-7											
4	2	0	"	"	6-8	29.05	60	38	37	44	Ocr.	Nim	0	R		
5	2	5	"	"	7-9											
6	2	5	"	"	7-9											
7	2	5	"	"	7-8											
8	2	5	"	"	3-7	29.35	60	38	36	35	Ocr.	Nim	0	R		
9	2	5	SSW	"	3-7											
10	2	5	S	"	3-7											Took in fore storm staysl.
11	2	8	"	"	3-7											
12	2	8	"	"	3-7	29.50	58	40	37	45	Ocr.	Nim	0	R		

Lat. by D. R. 48°. 5-9'. 48" S

Long. by D. R. 80°. 5-4'. 00" W

Lat. by Obs. 49°. 5'. 00" S

Long by Obs. 81° 4' 00" W

Dist. per Log, 5-8 4 K

Rate of Current,

Set " "

Variation of Compass,

1	Lying	to	SW	SSE	3-6											
2	"		"	"	3-6											
3	"		"	"	3-6											
4	"		"	"	3-6	29.69	55	38	35	46	Bcgs	Cir Cmls	3	R		
5	7	5	NW x N	"	5											
6	8	0	"	"	6											
7	8	4	"	"	6											
8	8	4	"	"	6	29.83	70	39	47	46	Bcs.	Cmls	8	M		
9	8	4	"	"	6											
10	8	4	"	"	6											
11	8	6	"	"	6											
12	8	4	"	"	6	29.95	69	40	36	46	Bcs.	Cmls	7	M		

REMARKS:

July 12 1862

Weather cloudy + disagreable with frequent hail & squalls At 3.30 set close reefed fore topsl + main topsl + double reefed foresail. At 4.20 shook out one reef each at 6.40 shook out all the reefs.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	10	0	NW×N	SSE	3-6											Topsls Jorsail. Staysl + Stormstaysl.
2	8	4	"	"	3-6											
3	8	4	"	"	3-6											
4	7	0	"	"	3-6		30.00	54	54	64	56	Hzy	ci Cum	M	M	
5	7	0	"	"	3-5											
6	8	0	"	"	3-5											
7	7	0	"	S	3-6											
8	7	0	"	SSW	3-6		30.11	60	40	37	46	Hzy	ci Cum	8	2	
9	8	0	NNW	"	5											Set top sls Hauled down Staysls.
10	7	0	"	"	6											
11	8	0	"	"	6											
12	8	0	"	"	6		30.13	60	42	40	45	Hz	ci Cum	4	2	

Lat. by D. R. 46°. 40'. 00" S
Long. by D. R. 81°. 30'. 00" W
Lat. by Obs. 46°. 39'. 00" S
Long by Obs. 81°. 8'. 00" W

Dist. per Log, 160. 5- K
Rate of Current,
Set " "
Variation of Compass,

1	7	4	NNW	SExS	5											Set main royal.
2	7	2	"	"	5											
3	8	0	"	"	6											
4	8	2	"	"	1-6		30.26	60	42	39	46	Hz	ci Cum	8	2	
5	8	0	"	"	5-6											
6	7	0	"	"	4-6											
7	6	0	"	"	3-5											
8	7	0	"	"	3-5		30.39	65	42	39	46	Hzy	ci Cum	7	M	
9	6	6	"	"	5											
10	7	2	"	"	5											
11	6	4	"	SE	5											
12	5	0	"	"	4		30.31	58				Hz	ci Cum	5	M	

REMARKS:

July 10th 1872

Cool + pleasant with moderate breeze from So + Ea. Bent topsls + sent up the yards and set the sails. Bent and set main royal at 2 P.M. Distilling. Musterin at quarters at 4.30

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	NNW	SE	2											Topsels tops + foresail
2	3	5	"	"	2											
3	3	6	"	"	2											
4	3	0	"	"	2-3		30.81	56	42	38	47	B.C.	Ci Cum	7	4	Storsta jib.
5	3	0	"	NE×E	2											
6	2	0	"	"	1-2											
7	1	5	"	"	1-2											Set m trysail
8	3	0	"	ESE	1-2		30.36	66	44	38	47	B.C.	Ci Cum	5	4	
9	2	0	"	NE	1-2											Set m royal. flying jib + staysl
10	2	5	NNW½W	"	1-2											
11	3	0	NNW	NE×E	2-3											
12	2	0	NW¾W	NNE	2-3		30.30	62	44	38	47	B.C.	Ci Cum	5	4	

Lat. by D. R. 44°. 48'. 00"

Long. by D. R. 8 1°. 12'. 00"

Lat. by Obs. 44°. 50'. 00"

Long by Obs. 86°. 30'. 00"

Dist. per Log, 118.5- M.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	2	NW½W	NNE	3											
2	3	8	NW×W	"	3											
3	4	2	"	"	4											
4	4	5	"	"	4		30.32	64	43	38	47	B.C.	Ci Cum	1	5	
5	2	6	NNW½W	"	2											
6	3	2	"	"	2											
7	3	0	NW	"	2											
8	4	0	"	"	2-3		30.32	69	45	40	47	B.C.	Ci Cum	2	5	
9	4	0	NNW	N	3											
10	4	0	NW×W	N×E	3											
11	4	5	"	"	4											
12	4	5	WNW	N	4		30.32	65	46	42	48	B.C.	Ci Cum	8	6	

REMARKS:

July 14th 187-

Weather clear + pleasant with moderate breze from NW and Eastward with long swell from S.E. At 4.20 reefed topsls furled royal + sent royal yard on deck.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. W. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	NNW	N	2											Single reef topsls and topsls
2	4	6	"	"	4											
3	4	6	NNW-½W	"	4											
4	4	4	"	"	4		30.27	48	46	42	47	Br.	Ci	3	S	
5	4	6	NNW	"	4											Took in topsls
6	4	4	"	"	5											
7	4	0	NW-½W	NNE	5											Took in jib.
8	3	6	"	NE	5		30.23	64	47	47	48	Ocr.	Nim	0	L	
9	4	0	N W	"	3											
10	3	0	N W×W	"	3											
11	2	6	"	"	2											
12	No Steerage way			Variable	0.1		30.25	76	49	48	48	Ocp.	Nim	1	L	Hoisted jib.

Lat. by D. R.	43°	35'	36" S
Long. by D. R.	82°	52'	00" W
Lat. by Obs.	43°	51'	30" S
Long by Obs.	82°	47'	00" W

Dist. per Log, 88.4 M.
Rate of Current,
Set " "
Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	No St. Way			Calm	0											Took in spankers + set topsls
2	0	5-	NE	SW	0.1											
3	0	5-	"	"	0.1											
4	0	5-	"	"	0.1		30.26	72	51	49	48	Ocqm	Nim	0	L	
5	No	St.	Way.	Calm	0.1											
6		"		"	0											
7		"		"	0											
8		"		"	0		30.26	63	52	50	48	Fcm	Ci	0	S	
9		"		"	0											
10		"		"	0											
11		"		"	0											
12		"		"	0		30.26	57	42	49	50	Fcmf	Ci	3	S	

REMARKS:

July 15th 1872

Weather foggy + cool with moderate breeze from Northward and Eastward.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ho	Steerage	Under	Calm	0											
2	"	"	"	"	0											
3	"	"	"	"	0											
4		5-	NW	NE	0.1		30.24	56	49	48	51	F.c.z.	cir Cum	8	S	
5		5-	NNW	"	0.1	2										
6	1	2	NW×N	NE×N	1	1										Shook reefs out of topsls + set spanker.
7	1	8	"	"	1	1										
8	2	4	NNW	"	1	3/4	30.24	70	49	47	51	F.c.	Cum	6-	S	
9	3	6	"	"	3	1/2										
10	5-	0	"	NNE	3	1/2										
11	4	0	NW½W	"	3	1/2										
12	4	0	NW×N	"	3	1/2	30.19	63	51	50	51	O.c.	cir Cum		S	

Lat. by D. R. 43° 30' 38" S

Long. by D. R. 83° 00' 35" W

Lat. by Obs. 43° 28' 33" S

Long by Obs.

Dist. per Log, 23.5- Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5-		W×N	N	3-5											
2	5-		NNW½W	"	3-4											
3	4		WNW	"	3											
4	1	0 5-	NNE	NxW	1-2		30.18	70	52	51	51	Ocm	cir Cum	0	S	Single reefs in topsls.
5	2	0	"	"	1-2											
6	1	6-	"	"	2											
7	2	0	"	"	2											
8	2	0	N×E½E	"	2		30.14	69	49	50	52	Ocd	cum	0	S	Topsail sheets, jib boom Spanker down.
9	1	8	NNE	NW	2											
10	2	0 5-	N	"	3											
11	7	0	"	"	3											
12	7	0	"	"	3		30.03	65-	52	52	52	Ocd	Cum	0	M	

REMARKS:

July 16th 1872

Weather cool + misty with light breeze from N.W. + W.N.W. Mustered + inspected crew at 10 a.m. + read articles for better government of navy. Moored ship at 3.30. At 4.30 single reefed topsls. At 6.30 started fires under four boilers + at 9.30 started to steam. A. E. Anderson was rated as Cox.n from July 17th 1872

LOG OF U. S. S "Essex" 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	4	N	NW	6-4											Low topsail staysl. trysail + spanker steam
2	6-	5-	"	"	3-4											
3	5-	4	"	"	3-5											
4	5-	0	"	"	3-5		29.94	62	58	60	52	ocd	nim	0	m	Took in spanker + jib.
5	4	5-	"	"	5-6											
6	3	0	"	"	5-6											
7	3	0	N × E	"	6-8											
8	3	0	N	WNW	5-7		29.85-	62	54	50	52	ocq	nim	0	R	Double reefed topsails reefed foresl. storm staysl + m trysl
9	4	6	"	"	6											
10	6-	0	"	W	6											Shook out one reef + set
11	6	0	"	"	6											
12	6	4	"	"	6		29.90	66	53	51	52	oc.	nim	2	R	whole topsails.

Lat. by D. R.	41	55-	00	S	Dist. per Log, 10.38
Long. by D. R.	82	02	00	W	Rate of Current,
Lat. by Obs.	42	20	00	S	Set " "
Long by Obs.	82	04	00	W	Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	4	N	W	6 ½											Steam.
2	7	4	"	"	6 ½											
3	7	0	"	"	5 ½											
4	7	2	"	"	5- ½		29.96	65-	53	51	52	bcm.	nim	2	R	
5	7	0	"	"	4											Spaker
6	7	0	"	"	5											
7	7	2	"	"	5											
8	7	5-	"	"	5-		29.96	65-	53	52	52	bcj.	cicum	9	m	
9	7	0	"	"	5-	½										
10	6	8	"	"	6-	½										
11	6	0	"	"	5	½										
12	6	4	"	"	6	½	29.98	65-	54	50	54	bcp.	nim	0	m	

REMARKS:

July 17th 1862

Cool + cloudy with stiff breze from N.a + W.a Steaming at 9.20 Call all hands make sail took second reef in topsls + foresail Set fore topmast staysl. Stopped steaming. Banked fires under two boilers + banked them under two. Mustered at quarters at 4.40

LOG OF U. S. S. Essex 3rd Rate Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	6	N	W × N	6	3/4										Single reefed topsl Forest
2	6	6	"	"	6	3/4										storm staysl trysl +
3	7	2	N ¼ E	"	6	3/4										foretopmast staysl
4	7	4	N ½ E	"	6	3/4	30.00	64	55-4	55-	54	ocls	Nim	9	M	
5	8	0	N × E	"	7											
6	8	0	N	"	6											
7	7	8	"	"	6											
8	8	4	"	"	6		29.94	65-	55-4	55-2	55-4	Fog.	Nim	7	M	Shook reefs out-Stopped.
9	8	0	"	"	5-											
10	8	0	"	W × S	6											
11	8	0	"	"	6											
12	7	0	"	W	6		29.95-	65-	65-5	55-1	55-4	Fog.	Cir Nim	2	M	

Lat. by D. R. 39 . 40 , 39 S

Long. by D. R. 80 . 32 . 45- W

Lat. by Obs. 39 . 36 . 39 S

Long by Obs. 80 . 22 . 00 W

Dist. per Log, 174.9

Rate of Current,

Set " "

Variation of Compass, 20° E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	9	0	N × E	W × S	6-7	1/4										
2	8	2	"	"	6-7	1										
3	6	6	N × E	"	6-7	1										
4	7	0	"	"	6-7	1	29.91	60	56	53	54	Foggy	Cum	2	M	
5	6	8	"	"	6-7	1										
6	7	8	"	"	6-7	1										
7	8	6	"	"	6											
8	8	0	"	"	6		29.94	63	55-	53	54	Foggy	Cum	2	M	
9	8	0	N N E	"	6											
10	6	0	"	"	5-											
11	8	6-	"	W S W	5											
12	7	5-	"	"	5-		29.95-	63	56	54	55-	Fog.	Nim	0	M	

REMARKS:

July 16th 1862

Overcast + cool with stiff breeze from W^a^ Mustered at quarters at 9.15- + instructive drill exercises rally Banked fires underway Boilers for heating ships.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	4	N	NW	3-4											Fore topmast staysl
2	5-	5	"	"	3-4											trysail spanker Steam
3	5-	4	"	"	3-5											
4	5-	0	"	"	3-5		29.94	62	51	50	52	ocd	Nim	0	M	Took in spanker + jib
5	4	5-	"	"	5-6											
6	3	0	"	"	5-6											
7	3	0	"	"	6-8											Double reefed topsls
8	3	0	"	"	5-7		29.85	62	54	53	52	ocg	Nim	0	R	reefed foresl Storm
9	4	6	N×E	NNW	5-7	1										staysl + main trysl
10	5-	0	N	"	6	1										
11	6	0	"	W	6	1										Shook out one reef
12	6	4	"	"	6	1	29.90	66	53	51	52	Oc	Nim	2	R	Set whole topsls.

Lat. by D. R. 37°. 19'. 21" S

Long. by D. R. 77°. 35'. 44" W

Lat, by Obs.

Long by Obs.

Dist. per Log, 172.7

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	4	N	W	6	1½										Steam
2	7	4	"	"	6	1½										
3	7	0	"	"	5-	1½										
4	7	2	"	"	5-	1½	29.96	65	53	51	52	Bau	Nim	2	R	Spanker + jib
5	7	0	"	"	4											
6	7	0	"	"	5-											
7	7	2	"	"	5-											
8	7	5-	"	"	5-	½	29.96	65-	53	52	52	Beg	Ai Cum	9	M	
9	7	6	"	"	5-	½										
10	6	8	"	"	5-	½										
11	6	6	"	"	5-	½										
12	6	4	"	"	6	½	29.98	65-	54	53	54	Bcg	Nim	0	M	

REMARKS:

July 19th 1872

181

Overcast and raining with squalls from the ne & You at 9 a.m. close reefed topsls & foresail. At 2 P.M. shook out one reef and at 3 another Mustered at quarters at 4.40

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	5	NNE-E	SW×S	4											
2	7	5	"	"	4											
3	7	5	"	"	4											
4	7	0	"	"	5		30.07	68	54	53	57	B.C.	Ci Cum	9	2	
5	7	2	"	"	5											
6	6	0	"	"	5											
7	6	5	"	"	4											
8	5	0	"	"	4		30.11	62	55	49	58	B.C.	Cum	8	2	
9	6	4	"	"	3											
10	5	0	"	"	3											
11	5	8	"	"	3											
12	4	4	"	"	2		30.23	64	56	53	58	B.C.	Cum	7	2	

Lat. by D. R. 35°. 18. 00 S

Long. by D. R. 75°. 36. 00 W

Lat. by Obs. 35°. 19. 12 S

Long by Obs. 75°. 15°. 05 W

Dist. per Log, 151.6 Knots

Rate of Current,

Set " "

Variation of Compass, 18° E

1	5	0	NNE-E	SW×S	3											
2	5	6	"	"	4											
3	4	6	"	"	4											Set main royal
4	4	4	"	"	4		30.25	65	56	53	57	B.C.	Cum	5	5	
5	5	0	"	"	4											
6	4	8	"	"	3											
7	6	0	"	SW	4											
8	5	0	"	S	4		30.04	65	54	51	57	B.C.	Cum	4	5	Took in main royal
9	5	4	"	"	3											
10	5	2	"	"	3											
11	5	5	"	"	3											
12	6	8	"	"	4		30.40	64	58	50	58	B.C.	Ci	8	5	

REMARKS:

July 20th 187-

Clear & pleasant with light breze from Est & Nth. Under plain sail & royals & scraft fore royal & mainsail. Spent the forenoon in cleaning the Ship. Hands at quarters at 4.40 P.M. Barometer rising during the day. Banked fires under two boilers for heating Ship.

LOG OF U. S. S. Essex Kate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7	0	NNE½E	SSE	5											Plain sail to topts Exc. Mol?
2	7	0	"	"	6											Set jib + main trysl.
3	7	0	"	"	6											
4	7	0	"	"	6		30.38	66	58	49	58	fc	ci cum	6	S	
5	7	6	"	"	5											
6	7	0	"	SE	5											
7	7	0	"	"	5											
8	6	0	"	"	4		30.43	56	52	49	57	fc.	ci cum	7	S	
9	6	0	"	"	4											
10	6	0	"	"	4											
11	6	8	"	"	4											
12	6	8	"	"	4		30.50	60	50	49	56	fc	cum	8	S	

Lat. by D. R. 33. 36. 00 N

Long. by D. R. 78. 15. 00 W

Lat. by Obs. 33. 29. 05 S

Long by Obs. 78. 20. 00 W

Dist. per Log, 143. 6 Knots

Rate of Current,

Set " "

Variation of Compass, 16°40' E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	8	NNE½E	SE	5											
2	7	2	NE	"	6											
3	7	6	"	"	6											
4	7	4	"	"	6		30.46	60	58	49	56	fc	cum	8	S	Took in topgts'ls
5	7	0	N	"	6											Took in topsls + foresl.
6	6	0	"	"	6											Set m trysl
7	4	6	"	"	6											Hauled down staysl
8	4	0	"	"	6		30.42	65	52			f	—	10	S	+ jib.
9	6	0	ENE½E	"	6											
10	6	0	"	"	7											
11	6	0	"	"	7											
12	7	0	E½S	"	7		30.35					f	—	10	S	

REMARKS:

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July 21st 1872

Weather clear + pleasant with moderate trade from NE + E. Exercised at general quarters at 9.10. Spent day in cleaning ship and making preparations for entering port. Sighted land about 4 P.M. + At 4.40 furled all square sails and sent down main royal yard. Began steaming at 5.20 P.M. and at 11 P.M. Sighted flash light bearing E by S

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	5	ESE	SE	6											
2	Lying	to	WxS	"	6											Steam
3			"	"	7											
4	"		"	"	7		30.82	68	62	49	54	F	—	10	S	
5	"		"	"	7-8											
6	3	0	ESE	SxE	7											
7	5	0	"	"	7											
8	6	0	"	"	7		30.26	72	68	52	54	F	—	10	S	
9	Standing	for anchor		"	1											
10	ag	."		"	1											
11	Anchored			"	0.1											
12		"		"	0.1		30.21	72	62	54		F	—	10	S	

Lat. by D. R. Valparaiso, Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchored			SW	3											
2	"			"	3											
3	"			"	3											
4	"			"	3		30.18	65	59	53		F	—	10	S	
5	"			S	0.1											
6	"			E	0.1											
7	"			NE	0.1											
8	"			"	0.1		30.18	65	59	53		F	—	10	S	
9	"			NW	2											
10	"			"	2											
11	"			"	2											
12	"			"	2		30.15	61	54	52		F	—	10	S	

REMARKS:

July 22d 1872

Weather clear & very pleasant with strong breeze from Sd & Ea At 5.30 Steamed in for anchorage in the harbor of Valparaiso. At 9.30 came to in 16 fathoms of water with Starboard anchor veering to 45 fathoms of chain. Bearings of anchorage p.c. Bath Rock W & Water Battery S Recd. official visit from H.M.S. Mutine French Corvette Limier & the Chilian ironclad Almirante Cochrane. Sent an officer to visit the U.S. Consul.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NNW	NE	2											
2			"	"	2											
3			"	"	2											
4			"	SSE	2		30.09	58	55	50		Cr	—	10	S	
5			"	S	2											
6			"	"	2											
7			"	Calm	0											
8			SE	"	0		30.13	69	56	50		Cr.	ci	9	S	
9			NNE	"	0											
10			"	NW	2											
11			"	"	2											
12			"	"	2		30.14	59	56	50		Cr.	ci Cum	3	S	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		SSW	SSW	3											
2			"	"	2											
3			"	Calm	0											
4			"	"	0		30.08	60	60	51		Cr.	ci	5	S	
5			NW	SW	2											
6			"	"	1											
7				Calm	0											
8			S.W.	"	0		30.12	60	57	51		Cr.	ci. st.	4	S	
9			E.N.E.	"	0											
10			"	"	0											
11			"	"	0											
12			"	"	0		30.10	63	57	52		Cr.	ci	9	S	

REMARKS:

July 23rd 187-

Weather clear & pleasant Mustered at quarters at 10. am. & Commdg Officer inspected ship & crew. Lowered steam cutter

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick, USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		ESE	ESE	0.1											
2	"		SE	"	0.1											
3	"		SE×E	"	0.1											
4	"		E×N	"	0.1		30.10	60	52	50		F.C.				
5	"		N	Calm	0											
6	"		"	"	0											
7	"		NW	SW	1											
8	"		"	Calm	0		30.08	60	54	51		O.C.				
9	"		"	"	0											
10	"		W	"	0											
11	"		S4×E	"	0											
12	"		"	"	0		30.14	58	54	51		F.C.				

Lat. by D. R. Valparaiso Chile.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		ESE	Calm	0											
2	"		E	"	0											
3	"		N×W	"	0											
4	"		NE	"	0		30.09	60	59	55	52	O.C.	Ci Cum	0	S	
5	"		N	"	0											
6	"		"	"	0											
7	"		NW	"	0											
8	"		"	"	0		30.08	60	56	54	52	Ocm.	Nim	3	S	
9	"		"	"	0											
10	"		"	"	0											
11	"		"	"	0											
12	"		"	"	0		30.08	60	54	51		Ocm.	Nim	0	S	

REMARKS:

187

Overcast + pleasant with light breeze from Sd. Spent day in cooling ship. Took on board 105 Tons of coal. The Commanding Officer made Official visit.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		SE	SE	0-1											
2	"		"	"	0-1											
3	"		"	"	0-1											
4	"		E.S.E.	"	0-1		30.04	68	62	49		Fr.	ci Cum	6	6	
5	"		"	"	1											
6	"		SSE	"	1											
7	"		NE x N	"	1											
8	"		NE.	"	1		30.05	67	42	49		Fr.	ci Cum	5	5	
9	"		"	Calm	0											
10	"		"	"	0											
11	"		NW	"	0											
12	"		"	"	0		30.08	60	57	54		Cr.	ci Cum	0	5	

Lat. by D. R. Valparaiso Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NNW	N x E	0-1											
2			"	"	0-1											
3			NE x E	"	0-1											
4			NE x N	"	1		30.04	60	56	54		Cr.	ci Cum	4	5	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			NNW	"	1		30.04	60	57	54		Cr.	ci Cum	4	5	
9			"	"	1											
10			N x E	"	1											
11			"	"	1											
12			"	"	1		30.00	58	56	54		Cr.	ci Cum	0	5	

REMARKS:

July 25th 1882 187

Overcast & pleasant with light breeze. Rec'd. official visits from Commandg. Officers of the Mutine, Limari, & Amarante Chocorame.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NE×N	NNW	1											
2			"	"	1-3											
3			E×N	"	1-3											
4			"	"	1-3		30.00	58	54	51		O.C.	Nim	0	S	
5			"	"	3											
6			NW	N	4											
7			N×W	"	3											
8			NW×W	"	5		30.04	58	55	52		O.C.	Cum	0	S	
9			NNW	NW	4-6											
10			"	"	5-6											
11			"	"	3-4											
12			N	NE	3-4		30.10	58	55	53		Ocd	Ci Cum	6	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	NW	4											
2	"		"	"	3											
3	"		"	"	4											
4	"		N	"	5-6		30.14	60	55	52		O.Cm.	Nim	0	L	
5	"		NE×N	N	3											
6	"		N	NE	3											
7	"		"	"	3											
8	"		"	"	2		30.08	61	55	52		F.C.	Ci Cum	2	S	
9	"		"	NxE	2											
10	"		NNW	"	2											
11	"		"	"	0-1											
12	"		"	"	0-1		30.19	60	54	51		Fc.	Ci Cum	2	L	

REMARKS:

July 26th 1892

Weather overcast and disagreeable with strong winds from NW accompanied by long heavy swell. At 5 am. veered to 75 fathoms on Starboard chain and at 8.30 started fires under 4 boilers. At 8.45 - Sent down topgallant yards & topgallant masts. Secured boats for sea and braced yards to wind At 1 P.M. called all hands up anchor and hove up the anchor and shifted anchorage coming to in 35 fathoms of water & veering to 9 fms. of chain. (Starboard) Baja Rock WNW ½ W Pintera Pt. NE ½ E ¼ E.

LOG OF U. S. S. "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NNW	SE												
2	"			Calm	0-1											
3	"		NW	"	0											
4	"		"	"	0		30.20	58	58	58		Fr.	Nim	5	L	
5	"		"	"	0											
6	"		N	"	0											
7	"		NNW	S.W.	1											
8	"		NW	"	1		30.22	55	52	50		Fr.	Cu Nim	3	L	
9	"		"	"	1											
10	"		"	"	1											
11	"		N	"	1											
12	"		"	"	1		30.25	57	61	57		Fr.	Ci Nim	4	L	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NNW	NW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.20	58	56	53		Fr.	Ci Cum	4	S	
5	"		"	"	1											
6	"		WNW	S.W	1											
7	"		SW	"	1											
8	"		"	"	1		30.20	61	56	53		Fr.	Ci Cum	2	S	
9	"		SSE	SE	1											
10	"		"	SE×S	1											
11	"		"	"	1											
12	"		"	"	1		30.20	57	52	48		Fr.	Ci Str	8	S	

REMARKS:

181 July 27th 1872

Clear + pleasant with light breeze. At 8 A.M. sent up topt. masts + yards + rigged out boiler booms. Mustered at quarters and exercised at routine drills. Louis F. Schumann was given 4 days solitary confinement Commdg Officer left Ship to make Official visits on shore

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SE×S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		SSW	"	1		30.20	57	52	48		b.c.	cum st	7	S	
5	"		WSW	"	1											
6	"		"	"	1											
7	"		S	"	1											
8	"		W×N	"	1		30.23	58	52	54		b.c.	cum str	9	S	
9	"		NW	N×W	0-1											
10	"		N	"	0-1											
11	"		NNW	WNW	1											
12	"		WSW	SW	1		30.22	60	59	54		b.c.	ci	9	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	W	0-1											
2	"		WSW	SW	1											
3	"		SW	"	1											
4	"		S	"	1		30.20	62	60	54		b.c.	ci	9	S	
5	"		SSE	S	1											
6	"		"	"	1											
7	"		S½E	"	1											
8	"		SE×S	"	1		30.20	62	57	53		b	—	10	S	
9	"		SSE	"	1											
10	"		SE×S	"	0-1											
11	"		"	SSE	0-1											
12	"		S	"	0-1		30.28	60	54	50		b	—	10	S	

REMARKS:

187

Weather clear & pleasant. The French ironclad Montcalm came into the harbor and anchored at 7 a.m. and we sent an officer on board of her. Went to general quarters at 9 a.m. Comndg officer went ashore to pay official visits. Peter Devaney (Lds) was (confined for) 48 hours of liberty for using abusive language to School master Went to quarters at 5.15 –

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		S	SE	1											
2			SE	"	1											
3			"	"	1											
4			"	"	1		30.11	58	52	49		Fr.	Cir.	7	S	
5			ESE	"	1											
6			SSE	"	1											
7			ESE	"	1											
8			NW	"	1		30.15	57	52	49	64	Fr.	Cir	7	S	
9	Firing at		—	ESE	1											
10	target		—	"	2											
11	Steaming in		—	"	3											
12	Circle		—	"	3		30.15	57	53	52	54	Fr.	Cir Cum	6	S	

Lat. by D. R. Valparaiso

Long. by D. R. Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Steaming	in Circle	S	3												
2	6	0	NW	W	2											
3	7	0	"	SW	1											
4	1	6	NNE.	"	0		30.19	56	56	54	54	Fr.	Ci. St.	5		Plain sail to royals
5	Moderate		Way	Calm	1											Look in trysl set spanker
6	1	0	NW	NE	1											
7	1	2	"	"	1											
8	1	5	NW×W	N"NE	1		30.18	65	55	52	55	Fr.	Ci. St.	7		
9	1	6	WNW	"	1											
10	1	6	W÷N	N	1											
11	2	0	W×S	NNW	1											
12	2	2	"	"	1		30.12	59	54	52	55	Fr.	Ci. St.	6		

REMARKS:

July 29th 1872

Clear & pleasant with light trade from Sa & Ea & Nd & Wd. At 6.30 called all hands up anchor and hove up Star board anchor & steamed out of the harbor & at 7.30 took departure Valparaiso Light bearing SW. Fired at target during forenoon with IX inch guns. Then ascertained the tactical diameter of the ship. Allowed fires to die down and then made sail at 8.10. Banked fires in 4 boilers and hauled them in 4. Expended 12 IX Shell.

LOG OF U. S. S. Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	W×S	NNW	1											
2	2	5	"	"	3											Plain sail to Royals
3	4	0	WNW½W	N	3											except main sail
4	4	6	WNW	N×E	3		30.04	60	58	52	55	F.C.	cir	4	S	
5	5	2	"	N	3											
6	4	8	"	"	3											
7	5	0	W×N	N×W	4											Look in Royals
8	5	8	W½N	"	4		30.02	62	54	53	55	ocr.	nim	0	S	Set Staysl
9	5	0	W×N	"	5											Look in topsls.
10	4	0	WNW	N	6											~~Double~~ ruf topsls
11	3	5	"	"	7											Double " "
12	3	6	W×N	"	7		29.90	62	56	54	55	ocpp	nim	0	M	Ruf in Foresail.

Lat. by D. R. 32° 09'. 00" S

Long. by D. R. 73. 02. 13 W

Lat. by Obs.

Long by Obs.

Dist. per Log, 71.4 Knots

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	4	W	N×W	7	1½										
2	4	4	"	"	7	2										
3	4	6	"	"	7	2										
4	4	4	"	"	7	2	29.83	68	56	55	55	ocpp	nim	0	R	
5	4	0	W½S	NNW	7	3										
6	3	5	"	"	7	3										
7	4	0	"	"	7	3										
8	4	0	W¼N	"	7	3	29.73	63	57	57	56	ocpr	nim	0	R	Close reef in main topsl
9	1	0	W×S	"	6	4										M. topsl.
10	1	0	"	"	6	4										Set foresail.
11	0	5	NNE	WNW	3	1										
12	1	2	"	"	3	1	29.79	62	53-54	53-54	56	ocr	nim	0	R	

REMARKS:

July 30th 187

Overcast and disagreeable with strong breeze from N.E. Wd. Displaying the flag at half mast in honor of the deceased Rear Admiral John Rodgers, U.S.N.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	N×E	WNW	1											Double reefed topsls.
2	3	0	NNE	"	2											single reefed foresail
3	3	4	NE	NW×N	2											& trysl. Storm staysl
4	3	6	NE×E	NNW	2-3		29.79	60	56	55	56	ocb	Nim	0	M	Shook out reefs. Set royals
5	4	5	"	"	3-5	1										+ jib
6	4	8	NE×E½E	"	4	1										
7	4	4	ENE	N×E	4	1										
8	4	5	W×S	"	4	1	29.87	60	57	56	56	o.c.g.	ci Nim	0	L	
9	4	0	"	NNW	4	1										
10	4	0	"	"	3	1										Hauled down flying jib.
11	4	6	"	"	3	1										
12	4	8	"	"	3	½	29.92	65	58	56	57	fc.	ci Cum	4	L	

Lat. by D. R. 32° . 13' . 2" S

Long. by D. R. 73 . 33 . 00 W

Lat. by Obs. 32 . 11 . 38 S

Long by Obs. 73 . 21 . 33 W

Dist. per Log, 81.4 Knots.

Rate of Current,

Set " "

Variation of Compass,

1	4	4	W×S	NNW	3	1										
2	4	8	NE½N	"	4	1										
3	5	6	"	"	5	1										Took in royals
4	5	4	"	"	5	1	29.92	61	57	55	56	fc.	ci Cum	1	L	
5	3	6	W×S	"	5											
6	3	0	"	"	4											
7	2	5	"	"	3											
8	3	5	"	"	3		29.93	62	57	55	56	fc.	ci Cum	1	L	
9	3	8	W	"	3	1										
10	3	4	W½N	N×W	3	1										
11	3	0	W×N	"	3	1										
12	3	4	"	"	3	1	29.98	60	57	55	56	fc fg	ci	6	L	

REMARKS:

July 31st 1872

Cloudy + disagreeable strong wind from NE & W a heavy sea from W a. Wore ship at 1 P.M. and again at 4 P.M. Mustered at quarters at 4.45

Approved A. H. McCormick
Commanding

LOG OF U. S. S. Essex 3rd Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	W ÷ N	N × W	5											Plain sail to topgs Except mn
2	4	4	"	"	5											Sail
3	4	6	"	"	5											
4	4	4	"	"	5		29.90	61	57	56	56	Fog.	cum	3	M	
5	4	4	W	"	5											
6	5	0	"	"	5											
7	5	6	"	"	5											
8	5	6	"	"	5		29.86	62	58	57	57	Fog.	cum	4	M	Look in Spanker
9	5	0	E by S ÷ E	"	5											Took in top sails
10	5	8	"	"	6											
11	6	0	N E × E	"	6											
12	5	0	"	"	5		29.85	68	59	58	58	Fogs.	Nim	2	M	

Lat. by D. R. 39° 50' 16" S

Long. by D. R. 73 - 57 - 48 W

Lat. by Obs.

Long by Obs. 74 - 12 - 15 W

Dist. per Log, 107.6 Miles.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	N E ÷ E	N.N.W.	6											
2	4	4	N E	NW × N	7											
3	2	4	N E ÷ N	"	7											
4	2	5	"	"	7		29.88	59	58	58		Fogs	cir	1	M	
5	3	0	N.E.	"	6											
6	3	0	"	"	6											
7	2	5	"	"	6											
8	2	0	"	"	6		29.94	58	56	58		Foggs	Nim	0	8	Shook reefs out of
9	2	5	N E × E	NNW	6-7											topsails + found
10	3	0	"	"	6-7											
11	3	0	N E × E ÷ E	"	7-8											
12	3	0	"	"	7-8		29.91	58	58	58		Fog.	cir nim	1	R	

REMARKS:

Aug. 1st 18[illegible]

Overcast + disagreeable the wind blowing in squalls from the N.E. + E.N.E. gradually increasing into a moderate gale Musters and inspection at quarters at 9.11 - Wm Linnahan I.C.B. was given three days Solitary confinement on Bread and water for disobedience of orders.

LOG OF U. S. S. Essex Ice Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	4	NE.	NW×N	7	3										Double reefed Topsails
2	1	8	"	"	7	3										Double reefed Foresail
3	2	2	"	"	7	3										Storm sail & storm
4	2	0	"	"	7	3	29.93	60	57	55	59	ocqr	Nim	0	R	staysl
5	2	2	"	"	7	3										
6	2	0	NE ÷ E	"	7	3										
7	2	0	"	"	7	2										
8	2	0	"	"	6	4	30.03	60	56	54	57	Fog	Cu Nim	4	R	
9	2	4	"	"	6	4										Set fore & aft sail
10	2	0	"	"	6	4										
11	1	2	NE ÷ N	"	6	4										Took in fore aft sail.
12	1	6	NE	"	6	4	30.09	62	56	54	58	Fog	Cu Nim	2	M	

Lat. by D. R. 32° 7'. 54 S

Long. by D. R. 12. 48. 00 W

Lat. by Obs.

Long by Obs.

Dist. per Log, 165.3 M

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	0	NE	NW×N	5-6											
2	2	0	"	"	5-6											
3	2	0	NE ÷ E	"	5-6											
4	0	5-	NNW ÷ W	"	5-6		29.80	58	47	46	46	ocqr	Nim	0	L	
5	1	0	"	N	5-6											
6	1	2	NNW	"	6-6											
7	1	0	"	"	4-7											
8	0	6	NNW ÷ W	"	5-7		29.80	61	47	46	45-	ocqr	Nim	0		Took one reef in topsails & foresail
9	No	Change	Noon	Calm	8											Set on topsl & stopped log
10			"	"	8											
11			"	"	7											
12			"	"	7		29.28	56	45-	44	44	Fog.	Nim	4		

REMARKS:

Aug. 2nd 1892

Overcast & pleasant with moderate breeze from N.N.W.

Muster at quarters at 4.40

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Ho	steerage	way	Calm	0											
2		"	"	"	0											Topsl + fores'l jib + Stm
3		"	"	"	0											Staysl + top staysl
4		"	"	"	0		30.10	67	55	56	56	Haf	cir	6	S	
5		"	"	"	0											Furled all sail
6	4	0	N	"	0											Steam
7	4	0	"	SW	1											
8	4	0	"	WSW	1		30.14	60	55	54	56	oaf	cir	0	S	
9	4	6	"	Calm	0											
10	5	6	"	"	0											
11	6	0	"	"	0											
12	6	0	"	"	0		30.18	68	57	55	56	Haf	cir	9	S	

Lat. by D. R. 31°. 32'. 49" S

Long. by D. R. 72. 25. 15" W

Lat. by Obs. 31. 40. 18. S

Long by Obs. —. —. —.

Dist. per Log, 46.5 Knots S.

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	N	NNE	0.1											
2	4	8	"	"	0.1											
3	5	2	"	"	0.1											
4	6	0	"	"	0.1		30.12	68	54	57	56	oaf.	cir	0	S	
5	5	5	"	SE	0.1											
6	6	0	"	"	1											
7	6	0	"	"	1											
8	6	0	"	"	1		30.15	62	55	53	53	Bo.	cir	9	S	
9	6	2	N ½ W	"	2											
10	6	8	"	"	1											
11	7	2	"	"	1											
12	7	2	"	"	1		30.10	62	57	55	55	Bo	cirst.	8	S	

REMARKS:

August 3rd 1882

Weather cloudy + pleasant with light airs. Took in all sail + steamed ahead at 5 a.m. Mustered at quarters at gas. Exercised at target practice with rifles

LOG OF U. S. S. Essex Sea Route Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	7			SE	2											
2	7			"	2											
3	7			"	3											
4	8			"	4		30.06	58	58	55	55	Bof.	ci	4	5	
5	6			"	2											
6	Moderate Breeze			"	2											
7	6	0		"	2											
8	6	5		"	2		30.09	62	52	57	53	oof.	—	0	5	
9	3	0		NNE	1											
10	2	5		"	1											
11	Anchor		NW	Variable	0.1											
12			"	"	0.1		30.14	60	54	53		oof.	—	0	5	

Lat. by D. R.

Long. by D. R. Coquimbo Chile.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NW	1											
2			"	"	1											
3			WNW	"	1											
4			"	"	1		30.04	54	55	53		oof.	min	0	5	
5			"	"	1											
6			W	"	1											
7			"	"	1											
8			"	"	1		30.13	61	53	53	53	oof.	min	0	5	
9			"	"	0.1											
10			NE×E	ENE	0.1											
11			"	"	0.1											
12			"	"	0.1		30.08	60	54	52		oof.	min	0	5	

REMARKS:

August 4th 187-

Friday

Weather foggy but pleasant with light airs from the Sth & Est at 8.25 Sighted Land bearing SE×E Steamed in for anchorage off Coquimbo at 11 A.M. & Came to with Starboard anchor veering to 30 fathoms of chain. At 11.30 The commanding Officer of the English storeship visited the Ship. Sent an Officer to visit the American Consular Agent. Bearing of Anchorage Peheon Point NW½N Chimney SW Ships head W. Consular agent visited Ship. Went to general quarters at 8.53 P.M. Already in 9.0 Secured in 5m 30s.

LOG OF U. S. S "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S W x W	E N E	1											
2	"		"	N W	1											
3	"		W N W	N N E	1											
4	"		N N E	N E	1		30.06	59	54	53		cf	Nim	0	S	
5	"		N E	"	1											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.16	58	55	53		cf	Nim	0	S	
9	"		"	W S W	2-3											
10	"		W S W	W x S	2-3											
11	"		W x S	"	2											
12	"		"	"	2		30.26	62	55	53		c c f	Nim	0	S	

Lat. by D. R. Coquimbo Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N W	W x S	0-1											
2	"		"	"	0-1											
3	"		"	N W	1											
4	"		"	"	1		30.32	60	54	54		c m d	Nim	0	S	
5	"		S E x E	S E	1											
6	"		N E x E	N E	1											
7	"		"	"	1											
8	"		S E x E	"	1		30.24	60	59	57		o d	Nim	0	S	
9	"		N E x E	E N E	2-3											
10	"		"	"	2-3											
11	"		"	"	2											
12	"		S W	"	2		30.19	59	57	56		c c	Nim	0	S	

REMARKS:

August 5th 1862

Warm & pleasant with light breeze from N.E. & E. & S.E. & S.W. Mustering at quarters at 9 A.M. Cousin sail to dry but soon furled again on account of squalls. Comdg Officer left ship to make an official visit on shore. Sent liberty party on shore mustered at quarters at 4 P.M.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	ENE	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.00	60	58	57		Bo.	Ci Cum	7	S	
5	"		S	SE.	2											
6	"		SExS	"	2											
7	"		"	SW	2											
8	"		"	"	2		30.32	60	59	56		Bo.	Ci Cum	7	S	
9	"		SSW	"	2											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.38	60	61	58		Bo.	Ci Cum	9	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		SW.	SW	1											
2	"		"	"	3											
3	"		"	"	4											
4	"		"	"	4		30.32	65	64	58		Bo.	Ci	9	S	
5	"		"	"	3											
6	"		S	S	2											
7	"		"	"	2											
8	"		E	"	2		30.30	65	64	56		Bo.	Ci	9	S	
9	"		NExE	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.30	63	61	56		Fy.	—	10	S	

REMARKS:

August 6th 1872

Clear + pleasant with light breeze from S.E. + W.N. Called all hands to muster at 9 A.M. Read articles of war + general orders. Corvina sail at 2 P.M. Furled sails Unbent storm sails + storm staysail + sent them below.

LOG OF U. S.

Commanded by

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	anchor		NNW	NE	2											
2	"		"	NW	2											
3	"		"	"	2											
4	"		"	"	2		30 24	60	6-65	5-5-		Fg	ci cum	9	5	
5	"		NNE	"	2											
6	"		NE	"	2											
7	"		"	"	2											
8	"		"	"	1		30 22	61	54	54	52	Fog.	cum	9	6	
9	"		NNW	Calm	0											
10	"		"	"	0											
11	"		"	W	1											
12	"		"	Calm	0		30 21	63	63	60	54	Fog.	ci	9	5	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	anchor		NNE	Calm	0											
2	"		N	N	1											
3	"		"	Calm	0											
4	"		NNE	"	0		30 16	63	63	63	54	Fog	cu	9	5	
5	"		"	"	0											
6	"		"	"	0											
7	"		"	E	1											
8	"		ExS	ESE	1		30 16	63	54	54	54	Fog.	ci	9	5	
9	"		NExE	SE	1											
10	"		NE	"	1											
11	"		"	"	1											
12	"		"	"	1		30 18	60	56	58	53	Fog	cu	9	5	

REMARKS:

August 7th 1882

Weather warm + pleasant with very light airs + calms. Exercised at general quarters at 9.30 P.M. P.M. McKeon I.C.F. was placed in double irons to await investigation for using disrespectfull language to his superior Officer Jas. McFinley was placed in double irons for drunkenness Mustered at quarters at 5:15.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.E.	S.E	1											
2	"		"	"	1											
3	"		"	"	0.1											
4	"		"	"	0.1		30.12	58	54	52		Fog.	cirCum	9	S	
5	"		"	"	0.1											
6	"		E by E	"	0.1											
7	"		"	"	0.1											
8	"		"	"	1		30.13	59	54	52		Fog.	cir	9	S	
9	"		N by E.	"	1											
10	"		N.N.W.	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15	60	63	57		Fog.	cir	9	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	Calm	0											
2	"		"	"	0											
3	"		"	"	0											
4	"		"	"	0		30.12	60	62	54		8	—	10	S	
5	"		"	N.E	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		N.E.	N.E.	1		30.13	62	59	56		8	—	10	S	
9	"		N by E	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	62	56	53		8	Cir Cum	9	S	

REMARKS:

August 8th 18[illegible]

Hazy + pleasant with light airs + Calm Exercised at routine drills at 9.00 Turbent topsl. Fores'l + Foretopmast stunsls + sent them down to sail room P. Lieutenant (C.C.) was put in double irons for abusive language to Shipmate Rec'd. an Official visit from the Governor of the Province.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NE	0-1											
2	"		"	"	0-1											
3	"		"	"	0-1											
4	"		"	Calm	0-1		30.01	58	54	52		Fog.	cir	9	S	
5	"		NNE	NE	1											
6	"		NNW	NW	1											
7	"		"	"	1											
8	"		"	"	1		30.05	56	54	52		Haz.	cir	0	S	
9	"		"	"	1											
10	"		NW	"	2											
11	"		"	"	3											
12	"		"	"	3		30.12	59	56	54		Fr.	cir	5	S	

Lat. by D. R. Coquimbo Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NW	3											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.07	60	58	56		Fo.	cir.	9	8	
5	"		SW×W	SW×W	2											
6	"		SSW	SSW	2											
7	"		"	"	1											
8	"		"	"	1		30.09	62	57	54		Fr.	cir.	9	S	
9	"		SE	Calm	0											
10	"		"	N	1											
11	"		N	"	1											
12	"		"	"	1		30.08	60	56	58		Fo.	Clim	0	S	

REMARKS:

August 9th 1872

Hazy but pleasant with light airs Mustered at quarters and exercised at routine drills. At work painting & cleaning ship. A reward of $9.74 was offered for M Sullivant + Band Quarters at 5:15

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick, U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE	ENE	1											
2			"	NNE	1											
3			"	NE	1											
4			"	"	1		30.05-	58	56	54		0.g.	ci Cum	0	S	
5			"	"	1											
6			"	"	1											
7			"	"	1											
8			"	"	1		30.10	59	54	52		0.g.	ci Cum	0	S	
9			"	"	1											
10			"	"	0.1											
11			"	E	0.1											
12			NNE	"	0.1		30.15-	59	54	52		0.g.	Cir Cum	0	S	

Lat. by D. R. Coquimbo Chile.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NW	1											
2	"		"	"	0.1											
3	"		"	"	0.1											
4	"		SW	W	1		30.08	60	56	53		0.g	Cir Cum	0	S	
5	"		NW	NW	1											
6	"		NNW	"	1											
7	"		NNW	"	1											
8	"		NW	"	1		30.11	60	56	52		0.g	Cir	0	S	
9	"		WNW	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15-	54	56	52		0.g	Cir	0	S	

REMARKS:

August 10th. 1862

Overcast and pleasant with light airs. Mustered at quarters at 9.15- and exercised at routine drill. Chained spars for painting. Rove off obly braces and put new ones below. Mustered at quarters at 5.15-

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NNW	1											
2	"		"	"	1											
3	"		"	NE	0-1											
4	"		"	"	0-1		30.15	58	55	55	-	Dog.	Nim	0	8	
5	"		NNE	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		SSS	SE	1		30.15	58	55	52	-	Dog.	Nim	0	8	
9	"		"	"	0-1											
10	"		NE	"	0-1											
11	"		"	NW	0-1											
12	"		W	WSW	2		30.20	65	59	55	-	Dog.	Cir Cum	8	8	

Lat. by D. R. Coquimbo Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	SSW	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.16	68	59	54		Dog.	Cir Cum	5	8	
5	"		"	"	2											
6	"		"	S	2											
7	"		WNW	"	2											
8	"		"	"	0-1		30.15	68	59	55		Dog.	Cum	2	8	
9	"		"	"	0-1											
10	"		"	ENE	0-1											
11	"		"	"	1											
12	"		"	"	2		30.09	65	58	54		Dog.	Nim	3	8	

REMARKS:

August 11th 1892

Overcast and cool light airs + calms Mustered at quarters at 9.15 and Exercised at routine drills. Crew at work scraping bright woods work and painting the inside of the ship.

Mustered at quarters at 4.40 P.M. A British Steamer came in from the northward + anchored Distilling fresh water

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	ENE	2											
2			"	W	2											
3			"	"	2											
4			"	"	2		30.01	65	58	54		Oca	Ci Cum	0	S	
5			"	"	0-1											
6			NW	WSW	0-1											
7			"	"	1											
8			"	NE	1		30.02	66	58	55		Bcg	Ci Cum	1	S	
9			NExE	"	1											
10			NNW	W	1											
11			NNW	NW	1											
12			NNE	"	1		30.10	65	62	58		Bcg	Ci Cum	6	S	

Lat. by D. R. Coquimbo Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NW	0-1											
2	"		"	"	0-1											
3	"		"	SW	0-1											
4	"		"	NE	1		30.10	66	62	57		Bcg	Ci Cum	6	S	
5	"		"	W	1											
6	"		"	NNW	0-1											
7	"		"	Calm	0-1											
8	"		"	"	0		30.10	67	59	58		Bcg	Cirrus	6	S	
9	"		NNE	"	0-1											
10	"		"	"	0-1											
11	"		"	"	0-1											
12	"		"	"	0-1		30.11	68	59	55		Bcg	Nim	1	S	

REMARKS:

August 12 1872

Cloudy and hazy with light airs & calms. Barometer rising. Muster and inspection at quarters at 9.30 A and exercised at routine duties. Distilling At 3 P.M. Banked fires Sent liberty ashore.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	Calm	0											
2	"		"	"	0											
3	"		"	"	0											
4	"		NW	NNW	1-0		30 12	68	57	53		Cog	mist	0	8	
5	"		"	"	1-0											
6	"		"	"	1-3											
7	"		"	"	1-0											
8	"		"	"	1-0		30,12	62	56	53		Cog	Mist	0	8	
9	"		NE	"	1-0											
10	"		"	Calm	0											
11	"		NW	NW	1											
12	"		"	"	0-1		30,15	63	60	56		Fog	Cir Cum	0	8	

Lat. by D. R. Coquimbo

Long. by D. R. Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		NW	NNW	0-1										
2			"	WSW	0-1										
3			"	"	0-1										
4			SW	SW	0-1		30.22	68	61	56		Fog.	Cir Cum	5	8	
5			W	NW	0-1											
6			"	"	0-1											
7			"	"	0-1											
8			ENE	NE	0-1		30.19	68	57	56		Fog.	Cir Str	8	8	
9			"	"	0-1											
10			"	"	0-1											
11			"	"	0-1											
12			SSE	SSE	0'		30.18	60	53	53		Fog	Cir	8	8	

REMARKS:

August 13th 1872

Overcast + hazy with light airs + calms. Barometer rising at 9.20 muster at quarters after which the Commdg Officer inspected the ship. A British Steamer came in to the harbor and anchored.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ENE	Calm	0											
2	"		"	"	0											
3	"		N	N	0		30.14	59	55	52		Fog	Cir	8	6	
4	"		"	"	0											
5	"		"	SE	0-1											
6	"		"	"	0-1											
7	"		"	"	0-1		30.16	59	52	52		Fog	Cir Cum	4	5	
8	"		"	"	1											
9	"		"	"	1											
10	"		NNW	SE	1											
11	"			NW	1											
12	"			SW	1		30.20	60	59	55		Fog	Cir Cum	8	5	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WSW	WNW	2											
2	"		"	"	2											
3	"		"	ENE	1											
4	"		"	"	1		30.14	62	62	56		Fog.	Cir Cum	8	5	
5	"		NNE	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	0-1		30.15	62	57	55		Fog.	Cir Cum	9	5	
9	"		NNW	NW	1											
10	"		NNE	NE	1											
11	"		ENE	"	2											
12	"		NExE	"	1		30.10	62	57	55		Fog.	Cir Cum	0	5	

REMARKS:

181

August 14th 1872

Overcast + hazy weather at quarters at 9.15- and Exercised at routine drills Starboard sailing launch crew at work painting ship. Mustered at quarters at 5.15- P. M.

LOG OF U. S. S. "Essex" Commanded by Comndr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E	NE	0.1											
2	"		"	Calm	0											
3	"		"	"	0											
4	"		"	"	0		30.02	60	55	54		oof	Cir Cumn	0	S	
5	"		"	"	0											
6	"		N	NE	0.1											
7	"		"	"	0.1											
8	"		"	"	0.1		30.00	57	54	52		ocf	Cir Cumn	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		NNE	NW	1											
12	"		NW	NNW	1		30.08	59	55	52		ocf	Cirn Nimb	0	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat, by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WNW	NW	2											
2	"		NNW	"	2											
3	"		"	"	2											
4	"		NW	WNW	2		30.12	59	55	54		Gcm	Cir Nim	0	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		NNE	"	2											
8	"		"	"	1		30.17	60	57	56		Gcm	Cm Nim	0	S	
9	"		"	W	1											
10	"		ESE	"	0.1											
11	"		"	Calm	0											
12	"		"	"	0		30.16	60	58	56		Gcm	Cm Nim	0	S	

REMARKS:

August 15-th 1872

Overcast + foggy with light airs. Broke out + restowed Cables. Received on board Peter D'Evaney (Seaman) + A McLean (Ord Sea) from confinement. Placed J.J. Chamberlain + F. Dealing on double irons for drunkenness Mustered at quarters at 8 hrs -

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E S E	Calm	0											
2			"	"	0											
3			"	"	0											
4			"	"	0		30.15	60	5·5	5·3		F.C.	ai Cum	6	S	
5			"	S.W	1											
6			S E	"	1											
7			"	"	1											
8			"	S E	1		30.15	59	5·5	5·2		Fog.	ai Cum	8	S	
9			S S W	S W	2											
10			S W	"	2											
11			"	"	2											
12			"	W.	2		30.17	60	5·4	5·3		Fog.	ai Cum	9	S	

Lat. by D. R.

Long. by D. R. Coquimbo.

Lat. by Obs. Chili.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W S W	S W × W	2											
2	"		S W × W	"	2											
3	"		"	"	2											
4	"		"	"	2		30.15	62	60	5·3		F.C.	ai Cum	6	S	
5	"		S S W	S S W	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.22	62	57	5·3		F.C.	ai Cum	4	S	
9	"		E S E.	N W	2											
10	"		W N W	E	2											
11	"		N E × E	"	2											
12	"		"	"	2		30.24	62	5·7	5·4		o.c.f.	ai Cums	0	S	

REMARKS:

1872 August 16th 1872

Cloudy + cool with light breeze from Sa + Wa. Mustered + exercised at quarters at 9.15 P. M. Kron (1.C.J.) was given five days on bread + water for drunk + disorderly. F. A. Smith (O.S) had 3 months monthly money stopped for leaving boat without permission. J. F. Chamberlain + F. Dealy had 3 mos. Monthly money stopped for drunkenness on duty.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE	NNE	0-1											
2	"		"	Calm	0											
3	"		"	NNW	1											
4	"		SW	SSW	1		30.21	60	55	52	-	Fog	Cir Cum	2	S	
5	"		"	"	2											
6	"		"	ESE	1											
7	"		"	"	1											
8	"		ESE	"	1		30.25	59	58	53	-	Fog	Cir Cum	8	S	
9	"		"	"	2											
10	"		WSW	SW	2											
11	"		SSW	"	2											
12	"		WSW	W	2		30.30	60	58	53	-	Fog	Cir Cum	9	S	

Lat. by D. R. Coquimbo Chile.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WSW	WSW	2											
2			"	"	2											
3			"	"	2											
4			"	"	2		30.22	62	60	54	-	Fog	Cir Cum	9	S	
5			SSW	SSW	2											
6			"	"	2											
7			NNE	"	2											
8			ENE	NE	0-1		30.28	63	56	54	-	Fog	Cir Cum	9	S	
9			E	"	0-1											
10			"	Calm	0											
11			"	"	0											
12			ESE	"	0		30.24	62	59	56	-	Fog	Cir Cum	9	S	

REMARKS:

August 17th 1872

Weather foggy & pleasant with light airs Barometer steady. Musters at quarters at 9.15 AM and exercised at routine drills. An English mail steamer arrived at 12.40 and sailed at 12.10 P.M. Musters at quarters at 5.15 P.M.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E S E	Calm	0											
2	"		"	"	0											
3	"		"	"	0											
4	"		"	"	0		30.15	60	55	53		F.C.	Cir Cum	6	0	
5	"		S. E	S W	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		S S W	S E	1		30.15	59	55	52		Fog.	Cir Cum	8	0	
9	"		S W	S W	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	W	2		30.17	60	59	53		Fog.	Cir Cum	9	0	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W S W	S W ½ W	2											
2	"		S W ½ W	"	2											
3	"		"	"	2											
4	"		"	"	2		30.18	62	60	53		F.C.	Cir Cum	9	0	
5	"		S S W	S S W	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.22	62	57	53		F.C.	Stm	9	0	
9	"		E S E	N W	2											
10	"		N N W	E	2											
11	"		N E ½ E	"	2											
12	"		"	"	2		30.24	62	57	54		Fg.	—	10	0	

REMARKS:

August 18th 1872

Weather overcast and pleasant with light airs. Mustered at quarters at 9 A.M. and exercised at routine drills. At 12.30 P.M. S. Nantina came into harbor and anchored. Sent an officer on board Nantina. Commdg. officer made official visit to the Nantina. Thos. Tidmor (C.M.) Danl. McKinnon (Seaman) Spellman (O.S.) were put in double irons by order of the Commdg officer.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Attd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E	Calm	0											
2	"		NNE	"	0											
3	"		NE	"	0											
4	"		NNW	"	0		30.16	60	58	57		F	—	10	S	
5	"		"	"	0											
6	"		"	ESE	1											
7	"		NE	"	1											
8	"		"	"	0-1		30.18	60	55	53		F	—	10	S	
9	"		"	"	1											
10	"		"	Calm	0											
11	"		"	"	0											
12	"		"	NNW	1		30.16	60	62	59		Fog	Cirrum	5	S	

Lat. by D. R. Coquimbo Chile

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Attd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SW	WSW	0-1											
2	"		"	"	0-1											
3	"		NNE	NNE	0-1											
4	"		"	"	1		30.06	63	63	57	-	Fog.	Cirrum	7	S	
5	"		"	"	1											
6	"		ENE	ENE	1											
7	"		"	"	1											
8	"		"	E	1		30.07	63	61	57	-	Fog.	Cirrum	8	S	
9	"		NExE	"	0-1											
10	"		"	Calm	0-1											
11	"		"	NNW	2											
12	"		"	NW	2		30.06	62	58	55	-	Fog.	Cirrum	9	S	

REMARKS:

August 19th 1892

Weather pleasant with light airs. At quarters John Curran O.S. & Herbert Hayes O.S. were found absent. Thomas Trainor & Paul McKinnon (Sea) were given 5 days solitary confinement on bread & water. Also McLennon was disrated and made 2nd for neglect of duty.

LOG OF U. S. S. "Elden" Commanded by Commdr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.W.	NNW	2											
2	"		"	"	4											
3	"		"	"	4											
4	"		"	"	2		30.16	60	58	56		o.c.g	Cu Nim	0	6	
5	"		NNW	N	2											
6	"		"	"	2											
7	"		NW	NW	2											
8	"		N	"	2		30.20	60	57	56		o.c.g.	Ci Cu	0	6	
9	"		"	NNE	1											
10	"		"	"	1											
11	"		ENE	SSE	1											
12	"		"	"	1		30.25	66	59	57		o.c.g.	Ci Cu	0	6	

Lat. by D. R. Coquimbo, Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		WSW	SW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		WNW	NW	1		30.21	68	61	58	oc	o.c.	Ci Nim	0	5	
5	"		"	"	0-1											
6	"		W	"	0-1											
7	"		"	"	0-1											
8	"		"	"	1		30.19	66	61	57	—	o.c.g.	Nim	0	5	
9	"		SSW	SW	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		NNW	NNW	1		30.15	63	61	58	—	o.c.g.	Nim	0	5	

REMARKS:

Sunday Aug 20th 1876

Overcast + pleasant with light airs. Muster at quarters at 9.20 and Commdg Officer inspected the crew + ship. At 12 M H.M.S. Shrimp came into the harbor + anchored. Sent an Officer aboard. At 3.30 an English mail steamer entered the harbor.

LOG OF U. S. — *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NNW	0-1											
2	"		"	NE	0-1											
3	"		"	Calm	0											
4	"		"	"	0		30.12	62	57	56		ocg	Nim	0	S	
5	"		"	"	0											
6	"		"	"	0											
7	"		NxE	"	0											
8	"		"	NExE	0-1		30.20	68	58	55		ocg	Nim	0	S	
9	"		"	"	0-1											
10	"		NNW	NNW	1											
11	"		"	"	1											
12	"		"	"	1		30.18	65	61	57		Bc.	Cicum	5	S	

Lat. by D. R. — Coquimbo Chile.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NW	1											
2	"		"	SW	1											
3	"		"	"	1											
4	"		SSW	"	1		30.10	65	64	58		Bc.	Cicum	8	S	
5	"		W	W	1											
6	"		"	"	0-1											
7	"		"	"	0-1										S	
8	"		WNW	"	0-1		30.13	64	60	57		Bc.	Cicum	3	S	
9	"		NW	NNW	0-1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.16	60	59	56		ocg.	Cum Nim	0	S	

REMARKS:

August 21st 1882

Weather overcast but pleasant with light airs. Exercised the crew at quarters at 9.15 – at 10 a.m. went to quarters to receive Rear Admiral Lyon R.N. The Convoy Officer paid an official visit to H. M.S. Swift ure. Hoisted out sailing launch and exercised at Arm and away all boats. Hoisted in Launch after supper.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NNW	2											
2	"		NNW	NW	2											
3	"		NNW	"	3											
4	"		NW	"	3-4		30.10	62	57	55		Fog	Ci Cum	2	S	
5	"		"	"	3-4											
6	"		"	"	2											
7	"		"	"	2											
8	"		NNW	"	2		30.14	62	58	55		Fog	Ci Nim	0	S	
9	"		"	NNW	2											
10	"		WxN	"	2											
11	"		NNW	NNW	2											
12	"		"	"	2		30.17	63	59	55		Fog	Cum	7	N	

Lat. by D. R. Coquimbo Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW.	WNW	3											
2	"		"	"	3											
3	"		"	NWxW	3											
4	"		"	NW	3		30.12	64	62	56		Fog	Ci Cum	7	S	
5	"		"	WNW	3											
6	"		NNW	NW	3											
7	"		"	"	7											
8	"		"	NNW	2		30.16	63	59	55		Fog	Cir Cum	7	S	
9	"		"	"	1											
10	"		NNW	"	3											
11	"		NxW	"	3											
12	"		NNW	N	3		30.18	62	59	54		Fog	Cum	0	S	

REMARKS:

August 22 1872

Clear & pleasant with light breeze from N & W Muster at quarters and Exercised at routine drills. Crossed Log at 8 am. Received an official visit from Commdg Officer of Swiftsure Muster at quarters at 5.15 P.M. An American barque Entered the harbor and anchored at 1 P.M.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	WNW	3-4											
2	"		"	"	3.4											
3	"		"	"	3-4											
4	"		"	"	4		30.20	60	56	55		Overcast	Nimb	0	M	
5	"		"	NW	3-4											
6	"		NNE.	NNE	1											
7	"		"	"	1											
8	"		"	Calm	0		30.26	68	60	56		Ocr	Nimb	3	M	
9	"		NW	"	0											
10	"		"	NW	1											
11	"		"	WNW	2											
12	"		"	"	2		30.28	64	61	59		Fog	Cir Cum	6	M	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SW	SW	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.23	65	60	59		Fog.	Cir Cum	6	S	
5	"		SSW	SSW	2											
6	"		"	"	3											
7	"		"	"	2											
8	"		"	"	3		30.22	64	57	54		Fog.	Cir Cum	8	S	
9	"		"	"	2											
10	"		S	SW	2											
11	"		"	"	2											
12	"		"	"	1		30.25	60	57	57		Fog	Cir Cum	6	S	

REMARKS:

August 23rd 1872

Overcast + hazy with light breeze from Wa + Wa and Sa + Wa Mustering at quarters at 9.30 and exercised at routine drills Fired two torpedoes for exercise D. Oregon (W.S.) Was placed in double irons for 5 days for disobedience of orders

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NNW	2											
2	"		NNW	NW	2											
3	"		WNW	"	3											
4	"		NW	"	3-4		30.10	62	57	55	-	Bcg	cicu	2	S	
5	"		"	"	3-4											
6	"		"	"	2											
7	"		"	"	2											
8	"		NNW	"	2		30.14	62	58	55	-	Bcg	cicu	0	S	
9	"		"	NNW	2											
10	"		WxN	"	2											
11	"		NNW	NNW	2											
12	"		"	"	2		30.17	63	59	55	-	Fc.	cicu	7	h	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		NW	NNW	3											
2	"		"	"	3											
3	"		"	NWxW	3											
4	"		"	NW	3		30.12	64	62	56		Bcg	cicu	7	S	
5	"		"	NNW	3											
6	"		NNW	NW	3											
7	"		"	"	2											
8	"		"	NNW	2		30.16	63	59	55	-	Bcg	cicu	7	S	
9	"		"	"	1											
10	"		NNW	"	3											
11	"		NxW	"	3											
12	"		NWxN	N	3		30.18	62	59	57		Bcg	Nim	0	S	

REMARKS:

August 24 1872

Clear & pleasant with light airs Muster at quarters at 9.30 and exercise at routine drills August Bunman (S.C.) Ships was absent without out leave. W.E. Pickett 1 C.B. deserted a ships boat while on duty A reward of $10 was offered for A. Bunman and $5 for W.E. Pickett.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ENE	NW	1											
2	"		"	WNW	1											
3	"		"	"	1											
4	"		"	"	1		30.12	60	53	50		fog	ci cum	8	8	
5	"		"	"	1											
6	"		NNW	"	1											
7	"		"	"	1											
8	"		NW	Calm	0		30.15	60	52	49		fog	ci cum	9	S	
9	"		"	"	0											
10	"		"	N	1											
11	"		"	"	1											
12	"		"	"	1		30.12	61	58	53		fog	—	10	S	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	N	1											
2	"		NNE	E	1											
3	"		NNW	Calm	0											
4	"		"	"	0		30.16	62	63	59		fog	—	10	S	
5	"		"	"	0											
6	"		"	NW	1											
7	"		"	"	1											
8	"		"	"	1		30.15	60	60	55		fog	cir	8	S	
9	"		"	"	0.1											
10	"		NNE	NE	0.1											
11	"		"	Calm	0											
12	"		"	"	0		30.08	60	57	54		fog	cir	7	S	

REMARKS:

August 25-th 1872

Clear & pleasant with light airs from the N.a Mustered at quarters at 9.20 and Exercised the crew at the routine drills

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ENE	Calm	0											
2	"		NNW	NNW	2											
3	"		"	"	2											
4	"		NNE	NE	2		30.10	60	55	52		Fog.	ci cum	2	S	
5	"		"	NW	4											
6	"		"	NNE	4											
7	"		"	NNW	3											
8	"		"	"	3		30.09	59	55	52		Fog.	ci nim	3	S	
9	"		"	"	4											
10	"		"	"	4											
11	"		"	"	4											
12	"		"	"	4		30.24	59	56	52		Fog.	Ci nim	3	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WNW	NNW	3											
2	"		"	"	3											
3	"		NNW	NNW	1											
4	"		"	"	1		30.24	61	57	53		Fog.	ci Cum	1	S	
5	"		"	"	1											
6	"		"	N	1											
7	"		"	"	1											
8	"		"	"	0.1		30.29	63	58	53		Fog	ci nim	0	S	
9	"		SxS	NW	2											
10	"		"	"	2											
11	"		NE	"	2											
12	"		"	"	2		30.29	63	58	53		Fog	ci.	8	S	

REMARKS:

August 26th 1872

Pleasant + hazy with light breze from the Na. Barometer rising At 9.30 musterin at quarters for inspection. An English Steamer came into the harbor + anchored Forward & ten dollars was paid for the dilivery of August Bunnem (S cook)

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick. U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S x E	E S E	0.1											
2			"	"	0.1											
3			S S W	Calm	0											
4			"	N E	1		30.28	60	54	51		Fog	cir	9	8	
5			"	N W	1											
6			E N E	Calm	0											
7			"	"	0											
8			"	"	0		30.33	59	54	55		Fog	cir	9	8	
9			W S W	"	0											
10			"	S W	2											
11			S W	"	2											
12			"	"	2		30.29	59	57	54		Fog	cir	9	8	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S W	S W	2											
2	"		"	"	4.5											
3	"		"	"	4.5											
4	"		"	"	5		30.24	61	61	53		Fog	cir	9	8	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	1											
8	"		"	E S E	1		30.23	63	61	57		Fog	cir	9	8	
9	"		N N E	N N E	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.26	63	56	52		Fog	cir	9	8	

REMARKS:

August 27th 82

Clear + pleasant with light airs Barometer falling slowly Musters at quarters at 9.20 The Commdg Officer inspected the Ship + crew W. E. Pickett was absent without leave.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ENE	Calm	0											
2	"		NNW	NNW	2											
3	"		"	"	2											
4	"		NNE	N E	2		30.14	60	53	51		Fog.	cir	9	S	
5	"		"	NW	2											
6	"		"	NNE	4											
7	"		"	NNW	4											
8	"		"	"	3		30.09	60	54	52		Fog.	cir Cum	6	S	
9	"		"	"	3											
10	"		"	"	4											
11	"		"	"	4											
12	"		"	"	4		30.08	60	60	55		Fo.	cir Cum	9	S	

Lat. by D. R.

Long. by D. R. Coquimbo. Chile.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NNW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		29.97	63	62	58	-	Fz	cir Cum	9	S	
5	"		NE	ENE	1											
6	"		"	"	1											
7	"		"	"	0-1											
8	"		"	"	0-1		29.90	60	58	56	-	Fg	—	10	S	
9	"		ENE	"	1											
10	"		ESE	SE	1											
11	"		"	"	1											
12	"		ExS	Calm	0		29.90	63	58	55	-	Fg	—	10	S	

REMARKS:

August 28 1872

Clear + pleasant with light airs Barometer falling. Mustered at quarters at 9.20 for Inspection. Rec'd the American Minister to Chili. At 1 P.M. Called away all boats armed and equipped.

LOG OF U. S. Steamer Essex Commanded by Commdr. A.H. McComsh

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E	Calm	0											
2	"		"	"	0											
3	"		"	"	0											
4	"		"	"	0		29.85	60	55	53		Bg		10	5	
5	"		NNW	NW	2											
6	"		"	"	2											
7	"		"	NNW	6											
8	"		"	"	6		29.98	59	55	50		Bcg	Ci Cum	3	5	
9	"		"	"	6											
10	"		NNW	NW	5											
11	"		"	"	5											
12	"		"	"	3		29.99	62	59	55		B.C.	Ci Cum	5	M	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor			NW	3											
2	"		NNW	"	2											
3	"		"	"	2											
4	"		"	"	2		30.02	68	59	55		Bcg	Ci Cum	5	5	
5	"		"	"	2											
6	"		NW×N	NW×N	2											
7	"		"	"	2											
8	"		"	"	2		30.08	74	60	55		Bg	—	10	6	
9	"		"	"	2											
10	"		NNW	NE	1											
11	"		"	"	1											
12	"		"	"	1		30.16	60	59	56		Cg	Cu Ni Cu	8	5	

REMARKS:

August 29 1892

Overcast & cool with moderate breezes from NW & W. Went to quarters at 9.15 — and exercised at fire drill. The Commdg Officer carried on the Semi-annual inspection in that Branch and great guns small arms & single sticks Overhauled slings of fore & main yards.

LOG OF U. S. Steamer "Essex" Commanded by Act McCommickson.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NNW	1											
2	"		NW	Calm	0											
3	"		WNW	"	0											
4	"		"	"	0		30.12	63	54	55	-	Ocq	ci Cum	0	S	
5	"		"	"	0											
6	"		"	"	0											
7	"		"	"	0											
8	"		"	SE.	1		30.20	62	54	55	-	Ocq	ci Cum	0	S	
9	"		ESE	"	1											
10	"		"	Calm	0											
11	"		WSW	W	1											
12	"		"	"	1		30.20	64	63	54	-	Beg	ci Cum	S-	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WSW	WSW	1											
2	"		"	"	1											
3	"		SW	"	2											
4	"		"	"	2		30.18	64	63	57		Beg	ci Cum	9	S	
5	"		WSW	SW	2											
6	"		"	SSW	2											
7	"		NNW	Calm	0											
8	"		"	"	0		30.19	61	60	56		Beg	ci Cum	9	S	
9	"		"	"	0											
10	"		"	ESE	0-1											
11	"		"	"	0-1											
12	"		"	"	0-1		30.18	61	57	54		Beg	Cir	8	S	

REMARKS:

August 30th 1872

Overcast + cool with light airs. Cleared ships for action at 9.11 – Exercising at general quarters. Lost one span belonging to torpedo boom. J. J. Chamberlain 1 C.T. left boat without permission. Found the dead body of an English Marine floating in the harbor and sent it to H. M. S. Swiftsure.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S S W	S E	1											
2	"		"	"	0.1											
3	"		"	"	0.1											
4	"		N x W	Calm	0		30.14	60	65	52	—	Fog	cir	9	S	
5	"		N N W	"	0											
6	"		"	"	0											
7	"		"	"	0											
8	"		N N W	"	0		30.20	59	54	52	—	F	—	10	S	
9	"		W	W S W	1											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.15	62	57	53	—	Fog	cir	8	S	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		W x S	W x S	2											
2	"		S W.	W S W	2											
3	"		"	"	2											
4	"		"	"	2		30.10	65	62	56		Fog	cir	9	S	
5	"		"	"	2											
6	"		"	S W	2											
7	"		"	"	2											
8	"		N E x N	N E	2		30.09	64	59	56		Fog	cir	8	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.11	62	59	56		Fog	air	9	S	

REMARKS:

August 31st 1872

Cloudy but pleasant with light airs. Mustered at quarters and exercised at routine drills. W. E. Pickett I.C.B. Was given 5 days solitary confinement on bread and water for disobedience & shirking his monthly money was stopped for three months & for having boat without permission. J. J. Chamberlain was returned by the police. At sunset sent down royal & topgallant yards at 9 a.m. half mast the colors and left them so during the funeral service on board the H.M.S. Swiftsure.

Approved A. H. McCormick Commanding Essex

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E.N.E.	Calm	0											
2	"		"	"	0											
3	"		"	N E	0.1											
4	"		"	"	0.1		30.07	60	58	50		fog	Ci Cum	6	S	
5	"		E × N	E × S	0.1											
6	"		"	"	0.1											
7	"		"	"	0.1											
8	"		N E × E	S E	0.1		30.10	60	58	54		fog	Ci Cum	0	S	
9	"		N.N.E	Calm	0.1											
10	"		"	"	0											
11	"		"	"	0											
12	"		N	N	1		30.16	60	58	54		fog	Ci Cum	8	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N	N	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		S W	S W	1		30.13	62	58	53		fog	Cu Cum	7	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	Calm	0		30.14	61	57	54		fog	Cir	9	S	
9	"		N N E	N N E	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15	62	58.52			fog	Ci Cum	5	S	

REMARKS:

September 1st 1882

Overcast but pleasant with light airs mustered at quarters at 9.15 and Exercised at Boxline drill. Paid a reward of ten dollars for J. Chamberlain and F. E. Dealing Cleaned Bilges. Quarters at 5.15 P.M.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	NNE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.17	60	56.0	54.1	—	Fog	Cir Cum	8-	5	
5	"		N.E.	Calm	0											
6	"		"	"	0											
7	"		"	"	0											
8	"		"	E N.E.	1		30.20	60	54	52	—	Fog	Cir Cum	1	5	
9	"		"	Calm	1											
10	"		N by E	NNW	1											
11	"		"	WSW	1											
12	"		"	"	1		30.20	60	57	53	—	Fog	Cir Cum	2	5	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WNW	WNW	1											
2	"		"	"	2											
3	"		"	"	2											
4	"		WSW	"	2		30.15-	62	58	53		Fog	Cir Cum	7	5	
5	"		"	W	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.14	62	57	50		Fog	Cir Cum	8-	5	
9	"		NNW	NE	2											
10	"		NNE	"	2											
11	"		"	"	2											
12	"		"	"	2		30.10	61	54	52		Fog	Cir Cum	4	5	

REMARKS:

September 2nd 1872

Pleasant weather but hazy with light airs Mustered at quarters at 9.15- A.M. James Williams O of D was given two days extra duty for insolence to Pay Clerk. Mustered at quarters at 5.15- P.M.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.E.	E	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		29.99	68	53	50	-	Fog.	ai Cum	6	S	
5	"		E	"	1											
6	"		E.N.E.	Calm	0											
7	"		N.N.W.	"	0											
8	"		N.E.	"	0		30.08	68	54	52	-	Fog.	ai Cum	5-	S	
9	"		"	"	0											
10	"		"	N.E.	2											
11	"		"	"	2											
12	"		"	"	2		30.11	68	54	52	-	Ocr.	Cum	0	S	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.N.W.	N.N.W	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.12	58	57	51		Ocg.	ai min	0	S	
5	"		N.W.	"	2											
6	"		"	"	2											
7	"		"	N.N.E	2											
8	"		N.N.E	"	2		30.20	58	57	52		Ocg.	ai Cum	0	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.25	58	57	52		Fog.	ai min	4	S	

REMARKS:

Sunday September 3d 1872

Overcast and raining with light airs went to general muster at 9.30 and read articles of Govt. of Navy and Genral orders. Mustered at quarters at 5 P.M. Mail Steamer arrived from the Nd and one from the So at 5.30 P.M.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	Calm	0											
2			NNW	NNW	1											
3			SSE	"	1											
4			"	SSE	1		30.30	54	52	50		Fog	Cir. Cum.	8	8	
5			"	"	1											
6			E	"	1											
7			"	NE	1											
8			NE	"	1		30.20	54	56	50		Fog	Cir. Cum.	8	8	
9			"	"	0.1											
10			"	"	0.1											
11			NNW	W	0.1											
12			"	"	0.1		30.12	60	61	55		Fog	Cir.	9	8	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SW	S.W.	2											
2			"	"	3											
3			"	WSW	3											
4			"	"	2		30.10	62	61	55		Fog	Cir.	9	8	
5			WSW.	"	3											
6			WNW	"	2											
7			"	WNW	2											
8			"	SW	1		30.10	62	58	55		Fog	Cir.	9	8	
9			"	"	1											
10			"	"	0.1											
11			"	"	0.1											
12			"	"	0.1		30.12	59	57	53		Fog	Cir.	9	8	

REMARKS:

September 4th 1892

Clear + pleasant with light airs. Mustered at quarters at 9 15- and Exercised at routine drills. Crossed light yards and loosed sail at 8 AM. Furled sail at 1 P.M. Sent down light yards and Masts at Sunset

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		N	NW	0.1											
2			"	NNW	0.1											
3			"	"	0.1											
4			"	"	0.1		30.10	60	53	51		Bcg	Ci Cum	9	S	
5			NNW	NNW	1											
6			NNE	NE	1											
7			E	"	1											
8			NE	"	1		30.24	58	56	53		Fc	Ci Cum	7	S	
9			"	Calm	0											
10			"	"	0											
11			"	"	0											
12			"	"	0		30.26	61	62	57		Fc	Ci Cum	8	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		NNW	WSW	1											
2	"		"	"	1											
3	"		WSW	"	1											
4	"		"	"	1		30.21	62	59	55		Fc	Ci Cum	8	S	
5	"		"	"	1											
6	"		SE	E	1											
7	"		"	"	2											
8	"		ENE.	"	2		30.21	62	59	55		Fc	Ci Cum	9	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		N	"	2		30.26	62	59	56		Fc	Ci Cum	9	S	

REMARKS:

September 8-1872

Char + pleasant with light Breeze Barometer rising. Sent up topgallant masts and yards at 8 A.M. Mustered at general quarters at 9.15 and inspected the crew. Sent down light yards at sunset.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		N.E.	Calm	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	SSE	1		29.90	61	55	53		Fair.	–	10	5	
5	"		NNW	NE	1											
6	"		"	"	0											
7	"		"	"	0											
8	"		"	"	0		29.97	67	58	53		of.	–	0	6	
9	"		"	Calm	0											
10	"		"	"	0.1											
11	"		SW×W	W&W	0-1											
12	"		"	"	0-1		30.02	62	58	55		ocf	Cum	0	5	

Lat. by D. R. Valparaiso Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		WSW	WSW	2										
2	"		"	"	6										
3	"		SW	SW	6										
4	"		"	"	6		30.22	60	62	54		F.c.	Ci Cum	9	5	
5	"		WSW	WSW	3										
6	"		"	"	3										
7	"		NE	SE	1										
8	"		"	"	0.1		30.24	68	58	56		F.c.	Ci Cum	8	5	
9	"		"	NE	1											
10	"		NNE	"	1											
11	"		SSE	"	1											
12	"		ENE	"	1		30.24	60	57	55		Beg.	Ci	9	5	

REMARKS:

Wednesday Sept. 6th 1876

Clear & pleasant with light to moderate breezes from SE & E. Mustered at quarters at 9 A.M. and exercised at routine drills. Crossed light yards and rovided sail at 8 A.M. Furled sail 1 P.M. Sent liberty party ashore Wm Simpson 1 C.B. was given 5 days solitary confinement on bread & water for bringing liquor into a ships boat and refusing to throw it overboard when ordered to do so.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	Calm	0											
2			"	"	0											
3			"	"	0											
4			"	"	0		30.17	59	56	54		Fog	ci Cum	10	S	
5			"	ESE	0.1											
6			NE	"	0.1											
7			"	Calm	0											
8			"	"	0		30.14	59	56	54		Fog	ci	8	S	
9			"	NE	0.1											
10			NNE	"	0.1											
11			"	Calm	0											
12			"	"	0		30.11	61	61	57		Fog	ci Cum	7	S	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		NNW	WNW	1											
2	"		NNE	NNE	1											
3	"		"	"	1											
4	"		"	NNW	1		30.04	64	65	56		B.C.	ci	9	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		ENE	ENE	1		30.01	66	63	59		B.C.	ci	7	S	
9	"		"	"	1											
10	"		NE	"	2											
11	"		"	"	1											
12	"		"	SSE	1		30.02	62	58	53		Fog.	-	10	S	

REMARKS:

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September 7th 18[illegible]

Clear & pleasant with light airs Barometer falling Mustered at quarters at 9.15 and exercised at routine drills. Sent down topgallant yards at sunset Mustered at quarters at 5.15 P.M.

LOG OF U. S. Steamer Essex Commanded by

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor.		ENE	NE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		29.98		61	56	54					
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.04		61	56	54					
9	"		NNE	"	1											
10	"		NW	NW	2											
11	"		"	"	2											
12	"		"	"	2		30.15		65	55	54					

Lat. by D. R.

Long. by D. R. Coquimbo Chile.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NW	2											
2	"		"	"	2											
3	"		"	"	1											
4	"		"	WSW	1		30.14		64	59	56					
5	"		"	S	1											
6	"		SSE	NE	1											
7	"		"	Calm	0											
8	"		"	"	0		30.15		64	61	57					
9	"		"	"	0											
10	"		"	"	0											
11	"		"	"	0											
12	"		"	"	0		30.17		64	61	57					

REMARKS:

September 8th 1872

Overcast and Calm Barometer rising. Exercised at fire quarters at 9.15- An English Mail Steamer came into the harbor and left again. Mustered at quarters at 5.15-P.M.

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E	SE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.17	62	58	55		ocm.	Ci Cum	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		ENE	NE	1											
8	"		"	Calm	0		30.20	60	57	54		ocm.	Ci Cum	0	S	
9	"		"	"	0											
10	"		"	"	0											
11	"		WSW	"	0											
12	"		"	"	0		30.16	60	57	55		bcm.	Ci Cum	7	S	

Lat. by D. R.

Long. by D. R. Coquimbo Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WNW	NW	1											
2	"		"	"	0.1											
3	"		"	NNE	1											
4	"		NNE	"	1		30.16	64	61	57		bcm	Ci Cum	7	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	WNW	1		30.15	64	61	56		bcm	Ci Cum	7	S	
9	"		NExN	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15	65	60	54		bcm.	—	10	S	

REMARKS:

September 9th 1892

Overcast but pleasant with light airs from Na. Musters at quarters at 9.15 A.M. C.A. Lindner (O&2Cl) absent without leave An English Steamer came in from the Southward and a Chilian Steamer from the Southward. Musters at quarters at 5.15 P.M.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	ENE	0.1											
2	"	"	"	"	0.1											
3	"	"	"	"	0.1											
4	"	"	"	"	0.1		30.06	62	54	52		Fair	—	10	6	
5	"	"	"	"	0.1											
6	"	"	"	"	0.1											
7	"	"	"	"	0.1											
8	"	NE	Calm		0		30.00	60	54	52		Fair	—	10	6	
9	"	"	"		0											
10	"	NNW	"		0											
11	"	"	NNW		0.1											
12	"	"	"		0.1		30.10	61	60	56		Fair	—	10	6	

Lat. by D. R.

Long. by D. R. Coquimbo Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NNW	1											
2	"	"	"	"	1											
3	"	"	"	"	1											
4	"	NE	NNE		1		30.06	62	62	58		Fair	—	10	5	
5	"	"	"		2											
6	"	"	"		2											
7	"	"	"		2											
8	"	"	"		0		30.10	64	62	58		Fair	—	10	5	
9	"	ENE	Calm		0											
10	"	"	"		0											
11	"	"	"		0											
12	"	"	"		0		30.09	61	58	55		Fair	Nimbus	6	5	

REMARKS:

September 16th 1872

Clear & pleasant with light airs employed at quarters. at 9.20 The Comdg. Officer inspection ship and crew. An English mail steamer came in from the Sea

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	NNE	1											
2	"		NW	NW	2											
3	"		"	"	2											
4	"		"	"	2		30.08	60	56	54		fog	cir cum	3	S	
5	"		"	"	2											
6	"		NE	Calm	0											
7	"		"	SW	1											
8	"		"	"	1		30.11	60	56	54		clear	cir cum	0	S	
9	"		"	"	1											
10	"		WSW	WNW	1											
11	"		"	"	1											
12	"		"	"	1		30.12	62	57	56		fair	cir cum	9	S	

Lat. by D. R. Coquimbo Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	NNW	1											
2	"		"	"	1											
3	"		N	NNE	1											
4	"		"	"	1		30.13	68	61	57		fog	cir cum	6	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.13	63	61	57		fog	cir cum	6	S	
9	"		NW	W	0-1											
10	"		"	"	0-1											
11	"		SSE	"	0-1											
12	"		"	WNW	0-1		30.16	62	57	55		fair	cir cum	8	S	

REMARKS:

September 11th 1872

Hazy & pleasant with light airs Barometer rising H.M.S. Nantucket left the harbor and steamed to the Southward Nantucket at quarters at 9.30 and exercised at routine drills Recd. an official visit from Commdg Officer & H.M.S. Swift-sure, J. Gibbon and J. Spencer Q.M. were declared deserters as they had been absent without leave since September 4th

LOG OF U. S. Steamer "Essex" Commanded by A. H. McConnell U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ESE	ESE	0.1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.10	61	56	54		clear	cir cum	0	8	
5	"		"	"	0.1											
6	"		"	ESE	0.1											
7	2	0	SW	W	2											Steam alone.
8	7	4	"	SW	3		30.09	61	56	54	56	clear	cir cum	0	8	
9	7	10	"	SSW	3											Set foretopmast staysl
10	7	5	"	S	4											main topsl and spanker
11	7	5	"	"	3											
12	7 3/4	0	SxE 3/4 E	"	3		30.13	58	56	54	56	oc.	cir cum	0	8	Took in fore + aft sail.

Lat. by D. R. 30° 2′ 2″ S

Long. by D. R.

Lat. by Obs.

Long by Obs. 71° 5-9′ 45″ W

Dist. per Log, 38.4 Knots

Rate of Current,

Set " "

Variation of Compass,

1	6	6	SxE 3/4 E	S	3											
2	6	8	"	"	3											Steam alone.
3	7	0	"	"	3											
4	7	0	"	"	3		30.10	59	57	54	56	oc	cir cum	0	8	
5	7	5	"	"	4											
6	7	5	"	"	4											
7	7	6	"	"	4											
8	7	5	"	"	4		30.12	61	57	54	55	fc.	cir cust	5	8	
9	7	8	"	"	4											
10	8	0	"	"	4											
11	8	2	"	"	4											
12	8	0	"	"	4		30.15	62	57	54	55	fc.	cir st.	6	M	

REMARKS:

September 12th 1872

Weather overcast and disagreable with light airs from Southward. At 5.55 got up anchor and stood out of Esquimalt Bay under steam for Valparaiso. At 6.44 took departure Pajaros rock bearing NW distant 1/8 miles. Exercised at routine drills at 9.30 a.m.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	4	S x E 5/4 E	S	2											Steam alone
2	8	2	"	"	2											
3	8	2	"	"	2											
4	8	2	"	"	2		30.3	59	57	54	56	bc.	ci Cum	6	m	
5	7	5	"	"	2											
6	6	5	S x E	"	2											
7	6	10	"	"	2											
8	anchored		NNW	"	2		30.17	59	56	54	56	bc.	ci Cum	6	S	
9	"		"	WSW	2											
10	"		"	"	2											
11	"		WSW	"	2											
12	"		SW	"	2		30.20	63	59	55		Bc.	ci Cum	6	S	

Lat. by D. R. Valparaiso

Long. by D. R. Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	S W	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		E	"	1		30.15	64	60	56		Bc	ci Cum	1	S	
5	"		"	"	1		3									
6	"		"	"	1											
7	"		NNE	"	1											
8	"		NE	N	1		30.27	67	59	56		bc	ci Cum	2	S	
9	"		NNE	NNE	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		ENE	S E	1		30.26	64	59	55		bcm	ci Cum	8	S	

REMARKS:

September 15th 1872

Weather clear + pleasant with light breeze from SE at 6.10 Egmont Land ahead and abeam in for Valparaiso at 7.10 came to anchor in 37 fathoms of water by starboard veering to 90 fms of Chain, bearing of anchorage Baja rock W N W ½ W, Fort Bonpary S S W ½ W. Ships Head S.

Quarters at 9.30. Sent Officer on Board Italian and Chilian Men of war. Rcd Official visits from Comdg Officers of same

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N x E	Calm	0											
2	"		NW	NW	1											
3	"		"	"	1											
4	"		"	"	1		30.27	62	56	52		Fr.	ci Cum	8	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.29	61	56	52		Fr.	ci Cum	9	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	W	1											
12	"		"	"	1		30.29	63	65	58		Fr	ci Cum	9	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		SE x S	W	1											
2	"		"	SSE	1											
3	"		"	S	2											
4	"		S	SSW	3		30.15	69	66	58		Fr		10	S	
5	"		"	S	4											
6	"		SSE	"	3											
7	"		"	S"E	4											
8	"		N	"	2		30.27	68	63	56		Fr	ci	8	S	
9	"		"	NNW	1											
10	"		N x W	"	1											
11	"		"	"	1											
12	"		"	"	1		30.26	64	60	53		Fr	ci	9	S	

REMARKS:

September 14th 1892

Weather clear + pleasant with light Breeze from Sea + was Rec'd visits from U.S. Consul Chilian Commodore and Captain of H.M.S. Austin. At Sunset sent down topgallant + royal yards.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	NNW	2											
2	"		NNW	"	1											
3	"		"	"	1											
4	"		"	WSW	1		30.12	61	57	53		B.C.	ci st	9	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.18	63	57	54		B.C.	ci	9	S	
9	"		"	SSW	1											
10	"		SW×W	"	3											
11	"		"	"	3											
12	"		"	"	3		30.16	63	59	54		B.C.	ci	9	S	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SW	SW	3-4											
2	"		"	W	3-4											
3	"		"	"	3.4											
4	"		"	NW	2-4		30.15	66	65	59	+	B	-	10	S	
5	"		SSW	"	4											
6	"		SSW×W	"	4											
7	"		"	S E	3-4											
8	"		"	"	3		30.16	68	68	54	+	B		10	S	
9	"		S	S	3											
10	"		"	"	3											
11	"		"	"	3											
12	"		"	NE×E	3		30.17	61	61	52	-	B	+	10	S	

REMARKS:

September 18th 1872

Weather clear & pleasant with moderate breeze from the Sea. Mustered at quarters at 9 30 and Exercised at routine drills. The Comndg Officer left the ship to pay official Calls and an Aide from the Cochrane came aboard to invite us to take part in the Celebration of the 18th.

LOG OF U. S. Steamer Essex Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E×N	E	3-4											
2	"		"	"	2											
3	"		NE	NNE	2											
4	"		N	NE	2		30.20	60	56	49		F	—	10	S	
5	"		ESE	SE	2											
6	"		SE	"	2											
7	"		"	"	1											
8	"		"	"	1		30.27	60	57	52		F.C.	Cir	9	S	
9	"		SSW	"	3-4											
10	"		"	WSW	3-4											
11	"		"	"	3-4											
12	"		"	"	3-4		30.30	62	62	54		F.C.	Cir	9	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	NNW	1											
2	"		S×E	S×E	2											
3	"		"	"	3-5											
4	"		"	"	3-5		30.25	62	62	54		F	—	10	S	
5	"		"	"	4-6											
6	"		"	"	5-7											
7	"		"	"	4											
8	"		"	"	3		30.27	64	62	52		F	—	10	S	
9	"		"	"	4-5											
10	"		"	"	4-6											
11	"		"	"	4-6											
12	"		"	"	5-4		30.30	60	58	48		Beg	Cir	9	W	

REMARKS:

September 16th 1882

Weather clear & pleasant with strong breeze from the Sa
A reward of $10 was paid for the delivery of Jas McGowen
(O.S.) and $4.00 for loss of policemans hat by the same person.

LOG OF U. S. Steamer Essex Commanded by Comndr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE×E	NE×E	3											
2	"		"	"	2											
3	"		"	"	2											
4	"		NW×N	"	2		30.28	60	57	50		8	—	10	S	
5	"		"	SSE	2											
6	"		SSW	NNW	1											
7	"		"	"	1											
8	"		"	N"W	1		30.24	62	57	53		8	—	10	S	
9	"		NNW	N	1											
10	"		NW	"	1											
11	"		NNW	"	1											
12	"		NNW	W	1		30.18	64	68	53		8	—	10	S	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	NW	2											
2	"		SWxS	SSW	2											
3	"		"	"	2											
4	"		"	"	2		30.10	69	69	56		8	—	10	S	
5	"		ESE	"	1											
6	"		"	E	2											
7	"		"	S	1											
8	"		"	SW	1		30.08	67	66	55		8	—	10	S	
9	"		"	"	1											
10	"		ENE	S	2											
11	"		"	"	2											
12	"		ESE	"	2		30.01	65-66	56			8	—	10	S	

REMARKS:

September 17th 1872

Weather clear & pleasant with light airs. At 8 AM. dressed ships with Chilian Flag at the Main. At noon the Cochrane fired a salute of 21 guns. Recd. an official visit from the Captain of the Port.

LOG OF U. S. Steamer Essex Commanded by Commdr. A.H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE	SE	1											
2	"		"	NE	1											
3	"		"	"	1											
4	"		NNW	NW	1		29.95	63	57	51		F		10	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	ESE	1											
8	"		"	"	1		30.06	63	56	56		Fog		10	S	
9	"		"	Calm	0											
10	"		"	"	0											
11	"		NNE	NNE	1											
12	"		"	"	1		30.14	64	61	57		Fog	cir Cum	6	S	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		NNE	NE	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		NxW	"	1		30.14	64	64	59		Fog	cir Cum	5	S	
5	"		NNE	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.16	65	58	55		Clear	cir Cum	0	S	
9	"		"	"	1											
10	"		ESE	SE	1											
11	"		"	Calm	0											
12	"		"	ESE	1		30.10	63	57	54		Fog	cir Cum	8	S	

REMARKS:

September 18th 1882

Weather cloudy & pleasant with light breeze from the Northward. Exercised at routine drills at 9.30. Dressed ship at sunrise in honor of the anniversary of Chilian independence. Salutes of 21 guns were fired from the shore and from the "Cochrane."

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ESE	ESE	2											
2	"		"	"	2											
3	"		"	E×S	2											
4	"		"	"	1		30.10	60	55	51	—	Fm.	—	10	S	
5	"		"	SE	1											
6	"		SE×S	S	1											
7	"		"	"	1											
8	"		SSW	SSW	1		30.17	61	58	55	—	Ocm	Ci Nim	0	S	
9	"		NE	WSW	1											
10	"		W	W	1											
11	"		"	"	1											
12	"		"	"	1		30.21	62	58	54	—	Fc.	Ci Cum	4	S	

Lat. by D. R. Valparaiso.

Long. by D. R. Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor	W	SW	1											
2	"	SW	"	2											
3	"	"	"	2											
4	"	"	"	3		30.15	62	57	52	—	Oc.	Ci Cum	0	S	
5	"	"	"	3											
6	"	SE	S.E.	1											
7	"	NNE	N.E.	1											
8	"	"	"	1		30.21	62	57	52	—	Oc.	Ci Cum	2	S	
9	"	SSE	S×W	1											
10	"	"	"	1											
11	"	"	"	1											
12	"	"	"	1		30.16	62	57	52	—	Oc.	Ci Cum	0	S	

REMARKS:

September 19th 1872

Clear weather in forenoon, in afternoon foggy but pleasant Barometer Steady. Mustered at quarters and Exercised at routine drills at 9.20. A French Steamer entered the harbor sent down topgallant yards at Sunset.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ESE	SE	1											
2	"		"	"	1											
3	"		NNE	NW	1											
4	"		NNW	NNW	1		30.18	60	56	53	—	OC	Ci Cum	0	S	
5	"		"	"	1											
6	"		SE	SE	1											
7	"		"	"	1											
8	"		"	"	1		30.20	62	59	53	—	Fc	Ci Cum	8	S	
9	"		N	NW	0-1											
10	"		SE	SSE	2											
11	"		"	"	3											
12	"		"	"	4		30.20	63	64	56	—	Fc	Ci Cum	6	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili,

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	3-5											
4	"		"	"	3-5		30.16	65	65	56	—	Fcgm	Ci Cum	2	M	
5	"		SE×S	S×E	4.6											
6	"		"	"	4-5											
7	"		"	"	5-6											
8	"		S	S	4.6		30.13	68	62	53	—	Occ	Ci Cum	0	S	
9	"		SE	SE	3											
10	"		"	"	1											
11	"		NNE	NNE	2											
12	"		"	"	2		30.09	62	60	50	—	Fc.	Ci Cum	4	S	

REMARKS:

September 20th 1872

Overcast but pleasant with moderate to strong breeze to Sd. Mustered at quarters and Exercised at routine drills at 9.30 AM. crossed light yards & loosed sail. H.M.S. Mutine left the harbor sent down light yards at sunset.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N	N	2											
2	"		NE	NE×N	2											
3	"		"	"	2											
4	"		"	"	2		30.06	60	58	52	—	F.C.	Ci Cum	7	S	
5	"		NW	N	1											
6	"		NNE	NE	1											
7	"		"	NW	1											
8	"		N	N	1		30.10	60	54	55	—	F.C.	Ci Cum	8	S	
9	"		"	NE	0-1											
10	"		"	E	0-1											
11	"		"	"	0-1											
12	"		"	"	0-1		30.12	62	61	56	—	F.C.	Ci Cum	4	S	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N.E.	Calm	0											
2	"		"	NW	0-1											
3	"		S.	SE	1											
4	"		"	"	1		30.11	64	65	56	—	F.C.	Ci Cum	6	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		ENE	"	1											
8	"		"	"	1		30.16	64	65	56	—	F.C.	Ci Cum	8	S	
9	"		"	"	1											
10	"		NNE	E	1											
11	"		"	"	2											
12	"		"	NE	2		30.15	63	58	53	—	F.C.	—	10	S	

REMARKS:

September 21st 1872

Clear + pleasant with light fresh Barometer rising. Musters and Exercise at quarters at 9 A.M. H Hudson (Cook) was given 5 days double irons for assaulting Shipmate, and Sandy Buchanan was given 3 days double irons for absence without leave. J.H. Berry left ship in dinghy and a reward of $20 was paid for his return. W.A. Bulsde reported that his term of service had expired.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE	ENE	0-1											
2	"		"	"	0-1											
3	"		"	"	0-1											
4	"		"	"	0-1		30.14	61	55	51	—	F	—	10	S	
5	"		E	"	0-1											
6	"		"	"	0-1											
7	"		"	"	0-1											
8	"		NW	NW	0-1		30.20	61	55	52	—	Fo	cirstrat	8	S	
9	"		"	"	1											
10	"		"	NE	1											
11	"		NNE	"	1											
12	"		"	Calm	0		30.20	62	60	58	—	F	—	10	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE	Calm	0											
2	"		"	"	0											
3	"		SE	SE	0-1											
4	"		"	"	1		30.17	67	67	58	—	F	—	10	S	
5	"		"	"	1											
6	"		"	"	0-1											
7	"		"	"	0-1											
8	"		N	NE	1		30.18	67	66	56	—	F	—	10	S	
9	"		NW	N	1											
10	"		NNE	NE	1											
11	"		NNW	NW	1											
12	"		"	"	1		30.13	64	63	55	—	F	—	10	S	

REMARKS:

September 22nd 1872

Clear + pleasant with light airs; exercised at fire drill at 9.30 all ready in 1 min 10 sec secured in 1 min. 42 sec. J. H. Berry was placed in single irons to await trial by court martial. Enlisted for the cruise as Landsman. Ah Sow. for special service.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N	NW	0-1											
2	"		"	"	0-1											
3	"		"	"	0-1											
4	"		"	"	0-1		30.10	61	67	54	–	F	–	10	S	
5	"		NNW	SW	0-1											
6	"		"	"	0-1											
7	"		NE	Calm	0											
8	"		"	NNE	1		30.12	61	67	57	–	Fair	Cir	8	S	
9	"		"	NW	1											
10	"		"	"	1											
11	"		"	Calm	0											
12	"		"	"	0		30.10	62	61	57	–	Fc	Cir	8	S	

Lat. by D. R. Valparaiso Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		NNE	NE	1											
2	"		NE	NW	1											
3	"		N	"	1											
4	"		ESE	S	1		30.00	69	73	69	–	Fc	Cir	9	S	
5	"		E	ESE	2											
6	"		"	"	2											
7	"		N	N	2											
8	"		"	"	2		29.95	70	70	59	–	Fr	Cir	9	S	
9	"		NNE	NW	2											
10	"		"	SE	2											
11	"		"	"	2											
12	"		"	"	2		29.95	63	61	57	–	F	–	10	S	

REMARKS:

September 23rd 1872

Clear & pleasant with light airs. An English Steamer came in from the Sd. E. B. Winslow 1 C.B. was given three days Solitary confinement on Bread and water for disobedience of orders

LOG OF U. S. Steamer "Essex" Commanded by A. H. McComish U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NE	NE	1											
2	"		NNW	NW	1											
3	"		NW×N	"	1											
4	"		SE	"	1		29.90	61	55	53	—	Fair	—	10	8	
5	"		ESE	"	1											—
6	"		"	Calm	0											
7	"		"	"	0											
8	"		SE	"	0		29.97	67	58	55	—	Of	—	0	S	
9	"		"	"	0											
10	"		NE	NE	0-1											
11	"		"	"	0-1											
12	"		"	"	0-1		30.02	62	58	55	—	Ocf	Cum	0	S	

Lat. by D. R. Valparaiso Chili.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	NE	1											
2	"		NNW	NW	1											
3	"		"	"	1											
4	"		SE	"	1		29.90	61	55	53	—	Of	Cir Cum	0	6	
5	"		ESE	"	1											
6	"		"	Calm	0											
7	"		SE	"	0											
8	"		"	"	0		30.00	63	57	55	—	Ocf	Cir Cum	0	S	
9	"		"	"	0											
10	"		NE	NE	0-1											
11	"		"	"	0-1											
12	"		"	"	0-1		30.04	62	56	54	—	Ocm	Cir Cum	0	S	

REMARKS:

September 24th 1878

Clear + pleasant with thick fog and light airs Barometer rising Muskets at quarters at 9. Lo. The Comdg Officer inspected

LOG OF U. S. Steamer "Essex" Commanded by A. H. M°Cormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N E	N E	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.02	59	58	52	–	Bef	Ci Nim	0	S	
5	"		E S E	Calm	0											
6	"		"	S E	1											
7	"		"	"	1						–					
8	"		"	Calm	0		30.08	58	55	53	–	oc	Ci Cum	0	S	
9	"		N E x N	"	0											
10	"		"	"	0											
11	"		S E	"	0											
12	"		"	"	0		30.09	60	55	53	–	Ocm	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Valparaiso Chili

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N W	N N W	1											
2	"		"	"	1											
3	"		"	"	0-1											
4	"		S W	W	1		30.08	61	52	55		Ocm	Cum Nim	0	S	
5	"		"	"	1											
6	"		"	"	2											
7	"		"	Calm	0											
8	"		E x N	S E	1		30.10	63	57	55		Ocm	Cum Nim	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	61	57	55		Ocf	Ci Cum	0	S	

REMARKS:

September 28-th 1872

Overcast and foggy with light airs mustered at quarters at 9.30 and Exercised at rigging torpedo booms. Made preparations for going to sea, Bent & unbent sail rove off studdy gear and stowed awnings below. Mustered at quarters at 5-15- W. E. Pickett was declared a deserter J. M° Lowen left a boat without permission and remained on shore.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A.H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E	NE	0.1											
2	"		"	Calm	0											
3	"		"	NW	1											
4	"		SW	"	1		30.10	60	58	55		cloudy	cum str	0	S	
5	"		ESE	NE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		NE×E	"	2		30.10	62	55	54		Foggy	cum nim	6	S	
9	"		"	NW	1											
10	"		NNE	SE	1											
11	"		NE×E	"	1											
12	"		NW×N	NW	1		30.12	62	62	59		Fog	air	10	S	

Lat. by D. R. Valparaiso Chili

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		SE×E	SE×E	2										
2	"		SW	SW	2.4										
3	"		NW	"	3.6										
4	7.6		"	"	3.4		30.76	63	62	59	55	Fog	—	10	S	
5	7.0		"	SSW	4.5											
6	6.5		"	S×W	4.5											
7	8.0		NNW	"	4.5											
8	8.0		"	"	4.5		30.06	61	57	55	55	Fog	—	10	Ms	
9	8.0		"	"	4.6											
10	8.4		"	"	4.6											
11	8.4		"	"	5.6											
12	8.2		"	"	5.6		30.06	60	57	54	55	Fog	—	10	M	

REMARKS:

September 6th 1872

Weather pleasant but foggy before noon and clear afternoon Fresh Southerly breeze. Enlisted F. Meyer as Landsman Got up anchor and left the harbor at 2.50. Took departure at 2.52 Valparaiso Lt house bearing SW distant one mile. at 3.30 lit fires dis down and made sail left to fires going for distilling. James Nolan O.S. was given 5 days Solitary confinement on bread and water for insolence to the Engineer of the Watch

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	8	0	NxW	SxW	5											Plan sail & Royals
2	7	6	"	"	5											except mainsail &
3	8	0	"	"	6											Spanker fore topmast
4	8	0	"	"	6		30.06	54	53	54	57	Fog	cirst.	1	M	Studsail, Hauled down jib
5	8	0	"	"	6											
6	7	6	"	"	6											
7	8	0	"	"	6											
8	8	0	"	"	6		30.03	60	57	55	57	F	—	10	M	Took in Main Royal
9	8	0	NxW	"	6											
10	8	2	"	"	6											
11	8	0	"	"	6											Set fore & main topt and
12	9	8	"	"	6		30.04	63	59	56	57	F	—	10	M	fore topmast Studsails

Lat. by D. R. 32° 04. 30" W

Long. by D. R. 29° 56. 07 S

Lat. by Obs. 29° 56. 19 S

Long by Obs. 72° 00. W

Dist. per Log, 166.9

Rate of Current, 22. K.

Set " " West

Variation of Compass, 15° East

1	3	S	NxW	SxW	4											Set Stbd topmast &
2	2	S	NxW	"	4											lower studsails
3	5	0	"	"	3											
4	5	2	"	"	4											
5	3	0	"	"	4		30.00	14	64	60	56	F	—	10	C	
6	5	2	"	"	4											
7	4	6	"	"	4											
8	3	5	"	S	4											Took in port studsail
9	3	0	"	SSE	2		29.93	65	60	55	58	Fc	cirst	9	C	
10	4	6	"	"	3											
11	3	0	"	"	2											
12	1	S	"	ESE	1											Took in all studsails
	—	—	"	N	1		29.90	64	59	57	58	oc	cir Cum	0	C	Set jib and Spanker

REMARKS:

September 27th 1858

Pleasant weather Brig hove to for Wa Dominie Orfan (Swede) was given 6 days double irons for using abusive language to shipmate Called all hands to muster at 4 P.M. and read the findings of the court Martial in the case of J H Berry (ord. Seaman)

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	0	NNW	N	2	1/2										
2	5	5	"	"	2	1/2										Reefs and to royals
3	6	0	"	"	5	1/2										Except mainsail
4	7	0	"	"	6	1/2	29.96	62	57	55	57	ocd	nim	0	2	trysail and royals
5	6	0	"	"	6											
6	5	0	"	"	6											
7	6	0	"	"	6											
8	8	0	"	"	4		29.96	60	58	56	57	oc.	cu nim	0	2	
9	3	0	ENE	"	3	3/4										Hoisted flying jib
10	Target	practice		"	3											
11	7	0	ENE	"	3	3/4										
12	4	0	ENE	"	3	3/4	30.00	63	59	57	57	oc.	cu nim	0	2	

Lat. by D. R. 28° 44' .2" S

Long. by D. R. 72 .38. 36 W

Lat. by Obs. 28 .42 .8 S

Long by Obs. 72 .46 .1 W

Dist. per Log, 95.8

Rate of Current, 8

Set " " N 78 W

Variation of Compass, 10° East

1	4	5	E x N	N x E	3	1/2										
2	5	0	"	"	4	1/2										
3	5	0	"	"	4	1/2										
4	5	0	"	"	4	1/2	2999	63	59	57	57	fc	ci cu	8	5	Furled royals and took single reefs in topsails
5	4	5	ENE	"	4	1/2										
6	5	0	"	"	3	1/2										
7	3	0	"	"	1											
8	1	0	"	"	0-1		30.07	64	59	56	57	fc	cu cu	8	5	
9	0	5	W	NNW	0-1											
10	1	0	NW	N E x N	1-2											
11	1	5	NNW	N E x E	1-2											
12	2	5	NW x N	NE	1-2		30.10	64	58	57	57	fc	ci cu	2	3	

REMARKS:

September 28th 1882

Overcast and pleasant with light to moderate breeze from NW Mustered at quarters at 9.20 and exercised at target practice with IX in guns + three in rifle. Expended 122½ lbs of Cannon powder 12 lbs in shell and three 3" BLR shell. Could not find the target again. Mustered at quarters at 4.45 and then called all hands and took in royals + single reefed topsails

LOG OF U. S. Steamer Essex Commanded by Commdr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	~~NW~~	NW	NNE	2											
2	2	6	"	"	4											
3	4	5-	NW:W	"	2											
4	2	0	NNW	N×E	2		30.17	62	57	56	5-6	ocr	Cum Nim			
5	3	0	NW×W	"	2											Took in Maintail
6	2	0	"	"	2											
7	2	0	"	"	2											
8	1	0	NW×N	"	1		30.16	62	5-8	57	5-6	bcp	Cum Nim			
9	1	0	"	"	2											
10	0	5-	"	"	1											Shook out reefs, set Royal flying jib mainsail & spanker
11	No	steerage	way	Calm	0											
12		"	"	"	0		30.1)	65-	64	5-9	5-6	bc.	ci Strat			

Lat. by D. R.	72° . 04' . 30" W	Dist. per Log,	
Long. by D. R.	29 . 5-6 . 07 S	Rate of Current,	0.37 ⅛
Lat. by Obs.	29 . 5-6 . 17 S	Set " "	West
Long by Obs.	72° . 16 . 00 W	Variation of Compass,	13.50 East

1	0	5-	NNW	S	0.1											Took in spanker & set all port studsls
2	2	0	N	"	2											
3	2	5-	"	"	2											Set all starbd studsls and slowed flying jib & slungal
4	4	0	"	S×E	3		30.14	66	63	5-9	5-6	bc	ci Cum	8	8	
5	3	0	"	SSE	2											
6	4	0	"	"	2											
7	5-	0	"	"	2											
8	4	8	"	"	3		30.14	63	61	58	56	bc	ci st	5-	8	
9	5-	0	NxE	SExS	3											
10	5-	4	"	"	4											
11	5-	8	"	"	4											
12	6	0	"	"	4		30.14	63	59	57	56	8	ci st	9	8	

REMARKS:

September 29th 1882

Clear & pleasant with very light airs. Mustered at quarters and exercised at fire drills at 9.30 Wore ship to stbd at 10 AM. heading NE×E on port tack. Set all studsls at 1 P.M. Mustered at quarters at 4.45 P.M. Sighted a steamer off starboard bow at 7.45 standing to the Wd.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	NxE	SxE	4											All plain sail Except flying jib - Employed all about decks
2	6	5	"	"	4											
3	6	5	"	"	4											
4	6	5	"	"	4	30.08	63	59	58	58	fc	cir		8	5	
5	6	8	"	"	4											
6	6	0	"	"	4											
7	6	0	"	"	4											
8	6	0	"	"	4	30.11	62	59	57	56	fc	cir cum		0	5	
9	5	8	"	"	4											
10	6	6	"	"	5											
11	7	0	"	"	5											
12	6	8	"	"	5	30.13	68	62	59	57	oc.	cir cum		0	5	

Lat. by D. R. 24 . 27 . 00 S

Long. by D. R. 24 . 22 . 00 S

Lat. by Obs. 71° . 16 . 00 W

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	6	2	N	SxE	5											Took in mainsail and set all port studsls
2	6	0	"	"	5											
3	6	0	"	"	5											
4	6	0	"	"	5	30.17	62	61	59	57	oc	cir cum		0	6	
5	5	5	"	"	4											
6	5	5	"	"	4											
7	6	0	"	"	4											
8	6	0	"	"	4	30.10	65	60	57	57	oc	cir cum		0	5	
9	5	4	"	"	3											
10	5	0	"	"	3											
11	5	0	"	"	3											
12	5	2	"	"	3	30.10	64	60	57	58	oc	cir cum		0	5	

REMARKS:

September 20th 1876

Overcast + pleasant with moderate breeze from S + E. Barometer steady. At 12.30 took in mainsail and set all port studsls. Mustered at quarters at 4.45 - P.M.

Approved

A. H. McCormick

Commdr. U.S.N. Comdg

LOG OF U. S. Steamer Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	5	2	N	S x E	4											Plain sail to royals
2	4	6	"	"	3											except Spanker
3	4	4	"	"	3											Stays'l & flying jib
4	4	0	"	"	3		30.16	63	59	57	60	ocd	Nim	0	S	All stbd Studdsls
5	4	0	"	"	3											
6	3	5	"	"	3											
7	4	4	"	S	3											Set port Studdsls
8	5	0	"	"	4		30.20	62	59	56	60	o.c.	cu Nim	0	S	
9	4	4	"	"	4											
10	5	0	"	"	3											
11	5	0	"	"	4											
12	5	2	"	"	4		30.18	63	62	57	60	o.c.	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	5	6	N	S x W	4											
2	6	0	"	"	4											
3	5	8	"	"	4											
4	5	6	"	"	4		30.13	65	63	58	59	o.c.	Ci Cum	0	L	
5	5	6	"	"	4											Took in stbd Studdsls
6	5	6	"	"	4											
7	5	0	N x W	"	4											
8	5	5	"	"	4		30.13	66	61	56	59	o.c.	Ci Cum	0	L	
9	4	8	"	"	3											
10	4	4	"	"	3											
11	4	0	"	"	2											
12	3	8	"	S x E	2		30.15	63	61	57	60	o.c.	Ci Cum	0	L	

REMARKS:

October 1st 1862

Overcast and cloudy with moderate breeze from Sd called all hands to muster at 9.15 A.M. Barometer Steady.

LOG OF U. S. S "Essex" Commanded by Commdr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	8	N x W	S	2											Plain sail to royals Exc.
2	3	8	"	"	2											capt flying jib Port
3	3	8	"	"	3											studsail
4	4	8	"	"	3		30.09	62	61	57	59	o.c.	ci Cum	0	C	
5	4	6	"	"	3											
6	4	0	"	"	3											
7	5	6	N x E	"	3											Set Stbd studsails
8	5	4	"	"	4		30.15	64	61	57	59	o.c.	ci Cum	1	C	
9	5	6	"	"	4											
10	5	0	"	"	4											
11	4	0	"	S x E	3											Took in Port studsails
12	3	0	"	"	2		30.13	64	62	58	58	Oc	ci Cum	0	C	and set Mainsail

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	3	5	N x E	S x E	2											
2	4	0	"	"	3											
3	4	4	"	"	3											
4	4	8	"	"	3		30.08	63	64	58	59	oc	ci Cum	0	S	
5	4	4	"	"	3											
6	4	6	"	"	3											
7	4	4	N	"	3											
8	2	4	"	"	3		30.12	63	64	57	59	oc	ci Cum	0	S	
9	1	0	"	"	1											
10	1	5	"	"	1											
11	1	5	"	"	1											
12	2	0	"	S. W	1		30.17	65	62	59	60	oc	ci Cum	0	S	

REMARKS:

October 2nd 1872

Overcast with light Breeze from S.E. & E. Mustered at quarters at 9.15 A.M. and Exercised at routine drills. Mustered at quarters at 4.45 P.M.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	8	N	SW	1											
2	3	0	"	"	2											
3	3	0	"	"	2											
4	3	4	"	S	2		30.16	64	62	58	57	Ocm	Ci Cum	0	S	
5	3	4	"	"	2											
6	1	4	NxE	"	2											
7	2	4	"	"	2											
8	3	0	"	"	2		30.20	64	61	60	60	Ocd	Ci Cum	0	S	Set all sail & stood off
9	2	0	"	"	1											
10	1	0	N	"	1											
11	0	5	NxE	"	1											Set all port studsails
12	2	0	"	"	2		30.20	69	67	63	60	Bc	Cum Nim	9	S	

Lat. by D. R. 21° . 21' . 47" S

Long. by D. R. 70 . 42 . 00 W

Lat. by Obs. 21 . 27 . 13 S

Long by Obs.

Dist. per Log, 71.4 M

Rate of Current,

Set " "

Variation of Compass, 10 . 30 E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	5	NxE	SxW	3											
2	3	5	"	"	3											
3	4	6	"	S	3											
4	5	0	"	"	4		30.10	67	66	62	59	Bc	Ci Cum	1	L	
5	4	8	"	"	4											
6	4	4	N	"	4											
7	4	5	"	"	4											
8	4	4	"	"	4		30.14	67	65	62	59	Oc.	Ci Cum	0	L	
9	4	0	"	"	4											
10	3	4	"	"	4											
11	3	6	"	"	3											
12	3	2	"	"	3		30.19	66	65	61	59	Oc.	Ci Cum	0	L	

REMARKS:

October 3rd 1872

Overcast with moderate breeze from SE & We Employed at quarters at 9 A.M. and inspection Bags Sailing vessel in sight off Stbd bow. Lyrica manned and made preparation for Steaming Quarters at 4.45 P. M.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	N	S	1											Plain sail to royals
2	1	5	"	"	1											
3	1	5	"	"	1											
4	1	0	"	S.E.	0.1		30.19	66	64	61	64	oc	cu nim	0	S	
5	3	4	"	"	1											Took in all sail Steam
6	4	6	N N E	"	1											
7	4	0	N E	"	1											
8	4	0	"	"	1		30.22	66	68	61	60	oc	ci nim	0	S	
9	Anchor		S W	S W	1											
10	"		"	S	1											
11	"		"	"	1											
12	"		"	"	1		30.21	65	68	61		oc	ci nim	0	S	

Lat. by D. R. Lgnigua Peru.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S W	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.17	66	68	61		Fc	ci cu	6	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	2											
8	"		"	"	2		30.19	65	68	60		Fc	ci cu	3	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.20	64	63	60		Fc	ci cu	4	S	

REMARKS:

October 4th 1872

Commenced pleasant weather with light airs from S.E. at 4.00 P.M. called all hands & steamed ahead for Iquique At 7.00 Made signal 0446 answered By 0446 By Lackawanna Made signal interrogatory 1211 answered By 1212 At 7.20 P.M. came to in 8 fms water & veered to 30 fms of chain Sent a boat from port quarter. Had official visit from H.M.S. Swiftsure & mutiny & from the Capt of the Port. / Sent an officer to return visit and sent an officer for consul

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	8	N	S.W.	1											
2	3	0	"	"	2											
3	3	0	"	"	2											
4	3	4	"	S	2		30.16	64	62	58	57	ocm	ci Cum	0	S	
5	3	4	"	"	2											
6	1	6	N x E	"	2											
7	2	4	"	"	2											
8	3	0	"	"	2		30.20	64	61	66	60	ocd	ci Nim	0	S	Set all Plain Studsail
9	2	0	"	"	1											
10	1	0	N	"	1											
11	0	5	N N E	"	1											
12	2	0	"	"	2		30.20	69	67	63	60	fc	ci Nim	9	S	Set all port Studsail

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	2	5	N N E	S x W	3											
2	3	6	"	"	3											
3	4	0	"	S	3											
4	5	0	"	"	4		30.10	67	66	62	59	fc	ci Cum	1	L	
5	4	8	"	"	4											Took in Studsails
6	4	4	N	"	4											
7	4	6	"	"	4											
8	4	4	"	"	4		30.14	67	65-62	59	oc	ci Cum	0	L		
9	4	0	"	"	4											
10	3	4	"	"	3											
11	3	6	"	"	3											
12	3	2	"	"	3		30.19	66	65-61	59	oc	ci Cum	0	L		

REMARKS:

October 15th 1862

Weather overcast and Cloudy with moderate breeze from So & Wn. Musters at quarters at 9 A.M. & inspection. Passing sailing vessels in sight SS Atlanta Furl Furlin mainsail and made preparation for steaming. Musters at quarters at 4 P.M.

LOG OF U. S. S. "Essex" 3rd Rate Commanded by A. H. McCormick U S N

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	N	S	1											Plain sail to Royals
2	1	5	"	"	1											
3	1	5	"	"	1											
4	1	0	"	S E	0.1		30.19	66	64	61	64	o.c.	ci cu	0	8	
5	3	4	N "	"	1											Took in sail & Got Steam
6	3	6	N N E	"	1											
7	4	0	N E	"	1											
8	4	0	"	"	1		30.22	06	63	61	60	o.c.	ci cu	0	8	
9	4	0	S W	S W	1											
10	Anchor		"	S	1											
11	"		"	"	1											
12	"		"	"	1		30.21	65	63	61	—	o.c.	ci cu	0	8	

Lat. by D. R. Ignugue Peru

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor	S W	S	1										
2	"	"	"	1										
3	"	"	"	1										
4	"	"	"	1	30.17	66	63	61		Bc	ci cu	6	8	
5	"	"	"	1										
6	"	"	"	1										
7	"	"	"	2										
8	"	"	"	2	30.19	65	63	60		Bc	cu ni	3	8	
9	"	"	"	2										
10	"	"	"	2										
11	"	"	"	2										
12	"	"	"	2	30.20	64	63	60		Bc	ci cu	4	8	

REMARKS:

October 6th 1872

Obscured & pleasant with light airs from Sa & Wa. Spent day in coaling ship taking on board 108 tons. James Nolan (O.S.) left a boat without permission a reward of $10 was offered for his return. Muster at quarters at 8-15-

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	W	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	NW	1		30.08	64	61	56		oc	ci cum	0	L	
5	"		NNW	"	1											
6	"		NNE	"	1											
7	"		"	NE	1											
8	"		E	"	1		30.11	64	60	57		fc	ci cum	3	S	
9	"		"	"	1											
10	2	0	NW	"	1											
11	3	6	"	"	1											Steam
12	3	0	"	"	1		30.14	67	63	57	63	fc	ci cum	7	S	

Lat. by D. R. 20. 8. 42 S

Long. by D. R. 70. 19. 15 W

Lat. by Obs. 20. 04. 00 S

Long by Obs.

Dist. per Log, 8.6 K

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	0	8	NNW	NNW	1											Plain sail to royals
2	3	2	W	S	1											Except Spanker + Mn
3	4	4	NNW	"	0.1											sail.
4	1	0	"	SE	0.1		30.05	66	68	62	61	fc	ci cum	7	S	Set ak. studsails
5	1	2	"	SW	1											Looking "
6	1	4	"	"	1											
7	1	4	"	"	1											
8	1	2	"	"	1		30.10	67	67	60	61	fc	ci cum	1	S	
9	0	4	"	"	1											
10	1	5	"	"	1											
11	1	5	"	"	1											
12	1	5	"	"	1		30.16	65	63	68	61	fc	ci cum	1	S	

REMARKS:

October 7th 1862

Clear + pleasant with light breeze from SE + Ste at 9.30 got under way with steam in two boilers. Took departure at 9.34 Ll- Long. + bearing SSE distant 1 mile at 1 P.M. set all sail + banked fires. Muster'd at quarters at 5.15 - + found Jas Holmes (O.S.) + D McKinnon (Sea) absent from ship they were declared deserters

LOG OF U. S. Steamer Essex Commanded by A H McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	No	Sleeping	Way		0											Pleasant to royals &c
2			"		0											Mizzen Spanker & jib
3	1	0	NbW	NW	1											
4	No	Sleeping	Way		0		30.08	64	64	58	65	oc	ci cu	0	S	
5			"		0											
6	1	0	NNW	ENE	1											
7	1	0	"	"	2											Set Spker. & jib.
8	2	0	"	"	1		30.12	64	68	57	66	oc	ci cu	0	S	
9	1	5	"	"	1											
10	1	0	"	"	1											
11	1	0	"	"	1											
12	1	0	"	"	1		30.13	65	65	66	66	Bc	ci cu	4	S	

Lat. by D. R. 19. 07. 39 S

Long. by D. R. 70. 31. 15 W

Lat. by Obs. 19. 28 28. S

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	1	8	NNW	SSW	1											Set Port Studsail
2	3	4	"	"	2											
3	4	0	"	"	2											
4	4	0	"	"	2		30.05	67	68	61	67	Bc	ci cu	6	S	
5	3	8	"	"	2											
6	2	8	"	"	2											
7	2	6	"	"	2											
8	2	2	"	"	1		30.11	67	67	61	67	Bc	ci cu	3	S	
9	2	0	NbW	"	1											Took in port Studsails
10	1	5	"	"	1											
11	1	4	"	"	1											
12	1	4	"	"	1		30.14	67	67	60	67	oc	ci cu	0	S	

REMARKS:

October 8th 1872

Overcast but pleasant with light airs from SE & Var. Mustered at quarters at 9 AM Commd Officer in Spectia Ship and crew Barometer rising.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	0	N x W	E	2											Plain sail Ex Spker + mainsail.
2	1	5	"	"	2											
3	1	5	"	"	2											
4	1	5	"	"	2		30.10	61	61	57		F		10	8	
5	1	5	"	E S E	1											
6	1	6	"		1											
7	1	6		"	1											
8	1	4	N E x E	S E	1		30.15	61	61	56		Fc	ci Cum	9	8	
9	0	4			1											
10	5	0		"	1											
11	4	3	N E ½ N		1											
12	Steaming	N	for Arica		1		30.10	65	66	61		Fc	ci Cum	9	8	

Lat. by D. R.

Long. by D. R. Arica Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S S W	S W.	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		S W.	"	2		30.09	69	66	62		Fc	ci Cum	8	8	
5	"		"	"	1											
6	"		"	W	1											
7	"		"	"	1											
8	"		"	"	1		30.12	67	67	62		Fc	ci Cum	7	8	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.13	66	66	63		Fc	ci Cum	6	8	

REMARKS:

October 9th 1892

Clear + pleasant with light breeze from S.E. + Var at 9 AM. Called all hands + furled all sail at 9.28 Steamed ahead at 9.30 went to general quarters and Exercised at quarters Anchored in Arica at 1 P.M. Bearings of anchorage Alacran Island bearing S x W on half mile Hauled fires Sent a Pilot out from Shore quarters.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick Actg.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	SSW	1											
2	"		"	SW	1											
3	"		"	"	1											
4	"		"	"	1		30.10	64	65	65	-	O.C.	Cum	0	5	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	SSW	1		30.10	64	64	59	-	O.C.	Ci Cum	4	5	
9	"		"	WSW	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1											

Lat. by D. R.

Long. by D. R. Arica

Lat. by Obs. Peru

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor			SW	2											
2	"		SW	"	2											
3	"		"	"	2											
4	"		"	"	1		30.10	69	67	61		B.C.	Ci Cum	9	5	
5	"		SSW	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.15	69	67	62		B	—	10	5	
9	"		"	Calm	0											
10	"		"	"	0											
11	"		"	E	0.1											
12	"		"	"	1		30.18	65	65	60		B	—	10	5	

REMARKS:

October 10th 1864

Clear & pleasant with light airs from SE & Ed Crew at work on rigging and painting Ship. Edward Forde (Mas) left ship without permission and remains on shore.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick Lieut.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	E	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.10	61	61	57	—	b	—	10	S	
5	"		"	ESE	1											
6	"		"	"	1											
7	"		S	SE	1											
8	"		ESE	NE	1		30.15	61	61	56	-	bc	Ci Cum	9	S	
9	"		S	SW	1											
10	"		"	"	1											
11	"		SxW	SSW	1											
12	"		"	"	1		30.10	65	66	61	-	bc	Ci Cum	9	S	

Lat. by D. R. Aruba

Long. by D. R. Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		SSW	SW	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.09	69	68	62		bc	Ci Cum	8	S	
5	"		"	"	2											
6	"		"	W	1											
7	"		"	"	1											
8	"		S	"	1		30.12	61	67	62		bc	Ci Cum	7	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.13	66	66	63		bc	Ci Cum	6	S	

REMARKS:

October 11th 1882

Clear & pleasant with light breeze from SE & We At 9 a.m. hove in to 15 fms and weighed Kedge on account of a Chilean Transport Brig Joven S. ops Exercised Divisions at quarters and had target practice and Gatling gun Exercise with Gatling gun and rifle attachment on 60 Bbl

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNE	Calm	0											
2	"		"	"	0											
3	"		"	SE	0-1											
4	"		"	"	0-1		30.08	65-	65-	60	-	oc	Ci Cum	0	S	
5	"		"	SW	0-1											
6	"		ESE	S	1											
7	"		"	"	1											
8	"		"	"	1		30.10	65-	65-	60	-	oc	Ci Cum	0	S	
9	"		"	NW	1											
10	"		N	SW	1											
11	"		SSW	"	1											
12	"		WSW	"	1		30.10	67	67	60	-	Fr	—	10	S	

Lat. by D. R. .

Long. by D. R. Arica

Lat. by Obs. Peru

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	3	0	WSW	SSW	2											All plain sail Ex. Mdl.
2	5-	0	"	"	2											
3	1	5-	WbN	"	1											
4	1	0	"	"	1		30.05-	67	67	61	65-	Fr	Ci Cum	6	S	
5	1	0	"	SWxS	1											
6	1	0	"	"	1											
7	0	5	"	ESE	1											Look in trysail & foretop
8	0	5-	"	NE	1		30.09	67	66	61	65-	Fr.	Ci Cum	5	S	
9	1	0	"	"	1											Set & Spanker
10	1	0	"	"	1											
11	1	0	"	"	1											
12	1	0	"	E	1		30.13	68	68	62	65-	Fr.	Ci Cum	1	0	

REMARKS:

October 12 1882

Overcast but pleasant with light airs Made preparations for sea. Medical Officer went ashore and returned with Bill of health. Station fires under two boilers at 7 A.M. got up anchor at 11.50. At 12.18 took departure Morro Solano bearing (p.c.) SSE distant ½ mile At 1.15 Stopped Steaming Made all sail and commenced distilling

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	0	4		E	0-1											Plain sail to royals
2	0	4		S	0-1											Exc. capt. mainsail
3	0	4		"	0-1											Spanker & trysail
4	1	0		"	0-1		30.05	68	68	62	65-	O.C.	Ci Cum	0	S	
5	1	0		"	0-1											
6	1	5-		"	0-1											
7	1	5-		S S E	1											
8	1	5-		E S E	1		30.00	67	67	66	65-	O.C.	Ci Cum	0	S	
9	1	5-		N E	1											
10	1	4		"	1											
11	No	Steerage way		Calm	0											
12		"		"	0		30.12	68	69	62	65-	B.C.	Ci Cum	5-	S	

Lat. by D. R.	18 . 24 . 00	S	Dist. per Log, 29. 5 K
Long. by D. R.	70 . 52 . 00	W	Rate of Current, .8 K
Lat. by Obs.	18 . 14 - 16	S	Set " " N 63 W
Long by Obs.	71 . 10 . 80	W	Variation of Compass, 10° - 15- E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	1	0	N N W	S W	1											Set jib and Spanker
2	2	8	W x N	S W x W	2											Set trysail
3	2	5-	"	"	2											
4	1	5-	"	"	1		30.07	68	68	62	66	B.C.	Ci Cum	8	S	
5	0	5-	"	S	1											Set flying jib
6	No	way	—	S E	1											Took in trysail
7	0	5-	W	"	0											Set Spanker & trysail
8	No	way	—	Calm	0		30.14	70	67	62	66	B.C.	Ci Cum	4	S	Took in Spanker & trysail
9	0	5-	W	0	0											
10	1	0	"	S	1											
11	1	0	"	"	1											
12	1	4	"	S	1		30.17	69	68	61	66	O.C.	Cu Nim	0	S	Set Spanker.

REMARKS:

October 15th 1882

Overcast & pleasant with light airs. Barometer rising. At 9.15 AM quarters Exercised at torpedo drill. And Fired the Exercise torpedo in 8 minutes Mustered at quarters at 4.45 P. M.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	2	0	W	S	1											Plain sail to royals Exc
2	0	2	"	"	2											mainsail topsl and
3	3	8	"	"	2											flying jib
4	4	0	"	SSE	2		30.08	67	67	61	66	Fc	Ci Cum	4	C	
5	4	0	"	S	2											
6	3	5-	"	"	2											Set port topgt and top
7	4	0	"	"	2											mast studdsl.
8	4	0	"	"	2		30.13	67	67	68	67	Fc	Ci Cum	3	C	
9	4	5-	"	SSE	3											
10	4	5-	"	"	3											
11	4	5-	"	"	3											
12	4	5-	"	"	3		30.16	69	69	63	67	"	Ci	1	C	

Lat. by D. R. 18. 00 - 46 S

Long. by D. R. 72. 09. 00 W

Lat. by Obs. 17. 60. 13 S

Long by Obs. 72. 12. 45 W

Dist. per Log,

Rate of Current, .5 Knots

Set " " N 20° W

Variation of Compass, 10° Easterly

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	0	0	WNW	SSE	3											Set Ku chw S mdl
2	3	6	"	"	2											& port comer Studdsl
3	3	6	"	"	2											
4	3	2	"	"	2		30.10	70	69	65		Fc	Ci Cum	5-	C	
5	3	2	"	"	2											
6	3	0	"	6E	2											
7	2	8	"	"	2											
8	2	9	"	"	3		30.17	69	67	65		Fc	Ci Cum	6	C	
9	3	0	"	SxE	3											
10	4	0	"	"	3											
11	4	5-	"	"	3											
12	5-	5-	"	"	3		30.13	69	67	64		Fc	Ci Cum	7	C	

REMARKS:

October 14th 18[illegible]

Clear & pleasant with light breeze Barometer steady. Long swell from La Misteria at quarters at 4.25 P.M. Hauled fires & stopped distilling.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Clr Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	NNW	S×E	4											Plain sail to Royals except Spanker Port studnsls
2	6	0	"	"	4											
3	5	0	"	"	3											
4	4	6	"	"	3		30.06	66	66	62	66	Fc	ci Cm	1	S	
5	4	8	"	"	3											
6	4	8	"	"	3											
7	4	8	"	"	3											
8	4	8	"	"	3		30.10	67	66	62	66	Fc	ci Cm	2	S	
9	4	6	"	"	3											
10	4	4	"	"	3											Hauled down Sloyals
11	4	5	"	"	3											
12	5	0	"	"	3		30.10	69	66	62	66	Fc	ci Cm	2	S	

Lat. by D. R. 16 . 5 3.01 S

Long. by D. R. 73 . 45 . 15 W

Lat. by Obs. 16 . 55 . 03 S

Long by Obs. 73 . 54 . 15 W

Dist. per Log,

Rate of Current, 3 K

Set " " W

Variation of Compass, 10° E

1	4	5	NNW	S×E	3											
2	4	5	"	"	3											
3	4	5	"	"	3											
4	4	5	"	"	3		30.09	69	67	62	66	Fc	ci Cm	2	S	
5	4	8	"	"	3											
6	4	6	"	"	3											
7	5	0	"	"	3											
8	5	0	"	"	3		30.10	69	67	62	66	Fc	ci Cm	4	S	
9	5	0	"	"	3											
10	5	0	"	"	3											
11	5	2	"	"	3											
12	5	2	"	"	3		30.12	69	66	62	65	Fc	ci Cm	6	S	

REMARKS:

October 16th 1882

Clear & pleasant with light breze from Sea Hyeres at quarters at 9.15 Comdg. Officer inspected Ship & Crew

LOG OF U. S. S. "Essex" 3rd Rate Commanded by A H McCormick Lieut

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	WzW	SxE	4											Plain sail to Royals
2	6	3	"	"	4											fore & aft sail
3	5-	0	"	"	3											
4	5-	0	"	"	3		30.07	66	65-	62	65-	Fc	ci Cum	6	S	
5	5-	4	"	"	4											
6	5-	2	"	"	3											
7	5-	2	"	"	3											
8	5-	0	"	"	3		30.10	68	63	63	64	Fc	ci Cum	3	S	
9	3	4	"	"	3											
10	Trim at target		NNW	"	3											
11	0	0	NW½W	"	3											
12	4	2	"	"	3		30.16	68	68	62	64	Fc	ci Cum	4	S	

Lat. by D. R. 15-.0 5-7'.45" S

Long. by D. R. 75-.26.00 W

Lat. by Obs. 15-.49.13 S

Long by Obs. 75-.28.00 W.

Dist. per Log,

Rate of Current, .2

Set " " N. 27° W

Variation of Compass, 10.°E

1	4	0	NW½W	SxE	3											
2	4	2	"	"	3											
3	4	0	"	SSE	3											
4	4	4	"	"	3		30.06	68	68	63	64	Fc	ci Cum	5-	S	
5	4	5-	"	SSE	3											
6	4	5-	"	"	3											
7	5-	2	"	"	4											
8	5-	4	"	"	4		30.09	67	66	63	65-	Fc	ci Cum	8	S	
9	5-	6	"	"	4											
10	5-	8	"	"	4											
11	5-	8	"	"	4											
12	5-	8	"	"	4		30.06	66	65-	62	64	Fc	ci Cum	9	S	

REMARKS:

October 16th 187

Clear & pleasant moderate breze from SE at 8.30 Beat to quil Quarters all ready in 8m 05s Fired at target with IX in. S.B. Secured at 9.22 Shaped course WNW again Inspected at quarters at 4.45 P.M.

LOG OF U. S. S. Essex 3rd Rate Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	6	0	NW ÷ W	S E	4											Plain sail to royals & Spanker trysail & jib
2	5-	8	"	"	4											
3	5-	6	"	"	4											
4	5-	6	"	"	4		30.04	66	65	61	65-	Fc.	Cu St-	4	S	
5	4	5-	"	"	4											
6	4	5-	"	"	4											
7	4	5-	"	"	4											
8	0	0	"	"	4		30.10	66	64	61	65-	Oc.	Nim	0	S	
9	4	5-	NNW	S S E	3											
10	4	0	"	"	3											
11	4	4	"	"	3											
12	4	4	"	"	3		30.09	68	69	64	62	Fc.	Cu Cum	2	S	

Lat. by D. R.	14	00	49	S
Long. by D. R.	76	45-	45-	W
Lat. by Obs.	14	14	07	S
Long by Obs.	77	02	45-	W

Dist. per Log,
Rate of Current, .8
Set " " N 51.° W
Variation of Compass, 9° 30' E

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	NW ÷ N	S S E	2											
2	4	0	"	"	2											
3	4	0	"	"	3											
4	4	5-	"	"	3		30.02	67	68	62	64	Fc.	Cu Cum	2	S	
5	4	2	"	"	3											
6	4	0	"	"	3											
7	4	5-	"	"	3											
8	4	5	"	"	2		30.03	66	68	62	64	Fc.	Cu St-	6	S	
9	4	2	"	"	2											
10	4	2	"	"	2											
11	4	2	"	"	2											
12	4	0	"	"	2		30.05	65-	65-	62	66	Fc.	Cum St-	7	S	

REMARKS:

October 17th 1872

181

Clear & pleasant — Mustered at quarters at 9.15 — & Exercised at routine drills Mustered at Gun Quarters at 8.05 — P.M. all ready in 5'.45-S Expended 25 lbs Hext powder 20 lbs. Common 8 lbs. Rifle + 2 Lx Shell.

LOG OF U. S. Steamer "Essex" Commanded by A H McCormick Lieut

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	4	0	NW ½ W	SSE	2											Plain sail to royals
2	4	0	"	"	2											
3	4	0	"	"	2											
4	4	0	"	"	2		30.03	63	66	62	65-	fc	ai cum	0	S	
5	4	2	"	"	3											
6	4	2	"	"	3											
7	3	6	"	"	3											
8	3	2	"	"	3		30.06	63	66	62	65-	oc	ai cum	0	S	
9	2	5-	"	"	1-2											Furled all sail
10	2	0	N ½ W	"	1											Steam.
11	4	0	"	"	1											
12	5-	0	"	"	1		30.10	68	68	64	65-	oc	ai cum	0	S	

Lat. by D. R. 12. 24. 00 S

Long. by D. R. 77. 08. 00 W

Lat. by Obs. 12. 21. 00 S

Long by Obs. 77. 15- 00 W

Dist. per Log,

Rate of Current, .2

Set " " N 48 W

Variation of Compass, 9° 31' E

1	5-	0	NNW	SSE	1											
2	5-	0	N x W	"	1											
3	4	8	"	"	1											
4	Steam for			"	1		30.05	67	68	64	65-	fc	ai cum	0	S	
5	Anchorage			"	2											
6				"	2											
7				"	2											
8				"	2		30.10	66	65-	62		oc	ai Cum	0	S	
9				SE	1											
10				"	1											
11				"	1											
12				"	1		30.10	66	64	61		oc	ai Cum	0	S	

REMARKS:

October 18th 1882

Overcast but pleasant at 6.25 - Started fires under two boilers for distilling. At 9.41 - furled sail and steamed ahead at 10.14 & At 2.40 made signal 44. answered by Pensacola 1.50. At 2.45 - the Iroquois made signal 68 and the Onward 108. At 8.00 made signal numbers 12.11 Pensacola ans. 904. At 3.35 - came to in six fms & water to starboard anchor and 30 fms & chain. Recd official visits from U.S. Sloop-of-war, Chilian "Huascar" French "Lutine" Italian Archimedes. Comm'd Officers left ship officially. Sent down royal yards at 13.40 & Bearing of anchorage Light-house E x N Callao Pt S x W ½ W.

LOG OF U. S. S. "Essex" Commanded by Comm'dr A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S x E	S E	2											
2	"		"	"	2											
3	"		"	"	1											
4	"		"	"	1		30.01	64	63	61		oca	ci Cum.	0	S	
5	"		S x E	S	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	64	63	62		Fr	ci Cum.	4	S	
9	"		S S E	S S E	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15	67	65	62		Fr	Ci Cum.	1	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		S S E	S S E	1											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.04	67	65	62		oc	ci Cum	2	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.08	66	65	62		o.c.	ci Cum	0	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.10	68	65	63		o.c.	Ci Cum	0	S	

REMARKS:

October 19th 1892

Overcast but pleasant with light breeze mustered at quarters at 9.30 Rec'd. Official visit from men of war in the harbor. The Comm'd Officer left the ship to pay official visits. A French man of war Anchored in the harbor.

LOG OF U. S. S. Essex 3rd Rate Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	2											
4	"		"	"	1		30.08	65	64	61		Fc	ci Cu	7	5	
5	"		"	"	0.1											
6	"		"	"	0.1											
7	"		"	"	0.1											
8	"		"	"	0.1		30.10	65	64	61		Fc.	ci Cu	6	5	
9	"		SE×S	S	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15	69	67	63		F		10	5	

Lat. by D. R. Callao

Long. by D. R. Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.06	72	69	62		Fc	ci Cu	8	5	
5	"		SSE	SE	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.08	69	64	62		Fc	ci Cu	3	5	
9	"		"	SSE	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.03	66	66	61		Fc	ci Cu	4	5	

REMARKS:

October 20th 1872

Clear & pleasant Muster'd at quarters at 9.30 Exercised crew at abandon ship. A survey was held on fore topmast two torpedo booms cradle of steam launch & crank pin S.P.A.P. Cylinder. Rec'd Official visits from Officers of ships in harbor Thermometer graduated at 4.45 –

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S x E	S E	2											
2	"		"	"	2											
3	"		"	"	1											
4	"		"	"	1		30.01	64	63	61		oam	ai cum	0	S	
5	"		S x E	S	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	64	68	62		Bc	ai cum	4	S	
9	"		S S E	S S E	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.15	67	65	62		Bc	ai cum	1	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S S E	S S E	1											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.04	67	65	62		o.c.	ai Cum	2	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.03	68	65	62		o.c.	ai Cum	0	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.10	66	65	63		o.c.	ai Cum	0	S	

REMARKS:

October 24th 1872

Overcast but pleasant light breeze employed at quarters at 9.15 – Read official visits from our Consul. Aca on Board from Pensacola with bags hammock and accounts Jno O'Connell (Sea) Albert Apsen (Sea) Wm Glenny (Sea) John Heany Sea F Lanyon (Sea) S Vogt (O.S.) B Schumke (O.S.) A Anton (O.S.) Wm Thomas (O.S.) W Graham (O.S.) H. Karlson (O.S.) Thos Smith Cas. & M Haley (Cas)

LOG OF U. S. S. Essex Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		SSE	"	2		30.08	7.	67	63		Bc.	Ci Cum	8	S	
5	"		S	"	2											
6	"		"	"	2											
7	"		SSE	"	2											
8	"		"	"	2		30.10	69	66	62		Bcm.	Ci Cum	7	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.09	68	66	62		Bcm.	Ci Cum	1	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		SSE	"	1		30.06	66	63	62		Ocm.	Ci Cum	3	S	
5	"		S	"	1											
6	"		"	"	1											
7	"		SSE	"	1											
8	"		"	"	1		30.04	66	64	62		Bc.	Ci Cum	1	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	68	66	63		Bc.	Ci Cum	1	S	

REMARKS:

October 22nd 1872

Cloudy & pleasant light breeze from Sd Mustered at quarters at 9. Do Commdg. Officer inspected Ship & Crew.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	S	2											
2	"		"	SSE	2											
3	"		"	S	2											
4	"		"	"	2		30.04	67	64	62	—	Ocm	Ci Nim	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	66	64	62	—	Ocm	Ci Cum	0	S	
9	"		S	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.14	67	67	64	—	B.C.	Ci Cum	2	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.04	70	67	64		B.C.	Ci Cum	2	S	
5	"		SSE	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.06	68	64	62		B.C.	Ci Cum	4	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	3-4											
12	"		"	"	3-4		30.10	67	64	62		O.C.	Cum Nim	0	S	

REMARKS:

Monday October 23rd 1848

Overcast and hazy mustering at quarters at 4.25 inspecting crew and divers at Callao drill. The English fleet left the harbor Mustered at quarters at 8.00

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	3			3								
2	"		"	"	3			3								
3	"		"	"	3			3								
4	"		"	"	3		30.00	66	62	62		0.C.	Cu Nim	0	5	
5	"		"	S	2			2								
6	"		"	"	2			2								
7	"		"	SE	2			2								
8	"		"	S	2		30.11	66	64	61		Bc	Cu Nim	2	5	
9	"		S	"	1			1								
10	"		"	"	1			1								
11	"		"	"	1			1								
12	"		"	"	1		30.10	66	64	61		0.C.	Cu Nim	0	5	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2			2								
2	"		"	"	1			1								
3	"		"	"	2			2								
4	"		"	"	2		30.03	66	66	62		Bc	Cu Cum	7	6	
5	"		SSE	SxE	2			2								
6	"		"	"	2			2								
7	"		"	SSE	2			2								
8	"		"	"	2		30.03	66	64	62		Bc	Cum St	4	5	
9	"		"	"	2			3								
10	"		"	"	3			3								
11	"		"	"	3			3								
12	"		"	"	3		30.08	66	64	62		Bc	Cu St	4	5	

REMARKS:

October 24th 1872

Clear & pleasant At 9.30 went to quarters to receive Rear Admiral Geo. B. Balch and Staff who came on board for the purpose of inspecting the Ships: and Yards were manned with the usual ceremonys. During the forenoon Cleared ship for action and had General Quarters, Torpedo Drill Simple Rules, Small arms, and Gatling gun, In the afternoon Exercised at Fire Quarters, Away and away boats. And Abandon Ship. Read on board. 3 tons 1F. out of coal.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	1											
2	"		"	"	0-1											
3	"		SW	NW	0-1											
4	"		WNW	"	0-1		30.01		65	63	59	Fc	Ci Cum	4	S	
5	"		"	"	0-1											
6	"		W x N	"	0-1											
7	"		"	"	0-1											
8	"		"	"	0-1		30.04		65	62	61	Fc	Ci Cum	4	S	
9	"		WNW	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10		66	66	65	Fc	Ci Cum	8	S	

Lat. by D. R.

Long. by D. R. Callao. Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	SSW	1											
2	"		S	S	2											
3	"		"	"	2											
4	"		"	"	0		30.00		70	66	63	- Fc	Ci Cum	9	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.30		68	64	61	- Fc	Ci St	3	S	
9	"		SSE	SSE	1											
10	"		"	"	1											
11	"		S	S	1											
12	"		SSE	SSE	1		30.07		66	64	62	- Fcm	Ci Cum	2	S	

REMARKS:

October 28-th 1872

Clear + pleasant musterin at quarters at 9.20 and inspection crew. At 10.10 Sent Patrick Shahan C.T. on board the Iroquois to attend general court martial. Lieuts Parker + Rohrer and Cadet-Midn Blow + Barnett as witnesses and Lgt. Smith and L.F. Schumann as witnesses Recd. Prisoner at 1 P.M.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		WSW	Calm	0		30.04	66	68	66	—	o.c.	Cirro	0	0	
5	"		NNW	"	0											
6	"		"	"	0											
7	"		"	"	0											
8	"		"	"	0		30.08	65	64	62	—	o.c.	Cirro	0	0	
9	"		SxW	SSE	0											
10	"		"	"	0-1											
11	"		"	"	0-1											
12	"		SSW	S	0-1		30.12	66	66	63	—	o.c.	Cirro	3	0	
1	Anchor		SSW	SSW	1											
2	"		"	SxW	1											
3	"		S	SSE	1											
4	"		SSE	"	1		30.08	70	65	62	—	Fo.	Cirro	8	0	
5	"		"	"	3											
6	"		"	"	3											
7	"		"	"	3											
8	"		S	S	2		30.06	68	65	62	—	Fo.	Cirro	6	0	
9	"		"	"	3											
10	"		"	"	3											
11	"		"	SxE	3											
12	"		"	"	3		30.10	67	63	62	—	o.cir.	Cirro	0	0	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

REMARKS:

October 26th 1872

Overcast and hazy. Muster at quarters and Exercise at firing current. Torpedo Edward Forde Lies and J. H. Berry 1 C.B. were brought on board by the police and put in double irons for safe Keeping.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.02	66	68	61		Fcm	Ci Cum	4	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		S	S	1											
8	"		SSW	Calm	0		30.04	66	63	61		Fcm	Ci Cum	8	S	
9	"		W	NW	1											
10	"		"	"	1											
11	"		SSW	SSW	1											
12	"		"	"	1		30.08	69	67	64		Fo	Ci Cum	8	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SxW	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	SxE	2		30.03	71	66	63		Fo	Ci Cum	8	S	
5	"		SSE	"	2											
6	"		"	"	2											
7	"		"	"	1											
8	"		"	"	1		30.02	69	64	62		Fo	Ci Cum	3	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.06	67	64	62		Fcm	Ci Cum	4	S	

REMARKS:

October 27th 1882

Clear & pleasant light breeze. Marines at quarters at 9.15, and Exercised 1st Div. at 8" Rifle, & the Signal class in Signals. J. H. Berry & Edwd. Forde were placed in double irons to await Trial by court martial for desertion.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S × E	S S E	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		29.99	64	64	62		b.c.	ci Cum	6	S	
5	"		"	S S W	1											
6	"		S S E	"	1											
7	"		"	"	1											
8	"		E. N. E.	"	1		30.08	64	63	61		b.c.	ci Cum	4	S	
9	"		W N W	Calm	0											
10	"		"	W N W	0.1											
11	"		"	"	0.1											
12	"		"	"	0-1		30.10	68	66	64		b.c.	Cum St.	5	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S W	S	0-1											
2	"		"	S S W	1											
3	"		"	"	1											
4	"		"	"	2		30.06	69	68	65	—	ci Cum		3	S	
5	"		"	"	2											
6	"		S S E	S S E	2											
7	"		"	"	2											
8	"		"	"	2		30.05	66	64	62	—	Cum St.		6	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	3		30.09	66	64	62	—	ci St.		1	S	

REMARKS:

Saturday Oct. 28th 1882

Clear & pleasant mustered at quarters at 9 a.m. - Sent up top gt. masts. and the fore top. mast jammed in the funnel and ropes sent down again to be reeved in dyn and then sent up again.

The Chilian cruiser Blanco Encalada entered the harbor and anchored. Rear Admiral G. B. Balch Comdg. Pacific Station (Inspection) visited the Ship. Mustered at quarters at 4 P.M. - P. M.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A.H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	3											
3	"		"	"	3											
4	"		"	"	1		30.05	66	64	62		o.c.	Nim	0	S	
5	"		SSE	SSE.	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.13	66	64	61		o.c.	Nim	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	2											
12	"		"	"	2		30.11	68	66	63		b.c.	Ci Cum	2	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat, by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	3											
2	"		"	"	3											
3	"		"	"	3											
4	"		"	"	2		30.07	68	67	65		b.c.	Ci Cum	3	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	3											
8	"		"	"	3		30.11	68	64	62		o.c.	Nim	0	S	
9	"		"	"	3											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.10	67	64	62		o.c.	Nim	0	S	

REMARKS:

October 29th 1892

Overcast and hazy light breeze from S.S.E. Mustered at quarters at 9.20 the Comndg Officer inspecting ship and crew. Sent visiting parties to "Pensacola" and "Troyon's"

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick Navy.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	2										s	SSE
2			"	"	2										s	"
3			"	"	2										s	"
4			"	"	2		30.04	69	64	61	—	F.C.	Ci Cum	6	S	"
5			SE	S.E.	2										1	SE
6			"	"	1										1	"
7			"	"	1										1	"
8			SSE	SSE	1		30.07	65	64	62	—	F.C.	Ci Cum	6	S	"
9			"	"	2										s	"
10			"	"	2										s	"
11			"	"	2										s	"
12			"	"	2		30.13	68	65	63	—	F.C.	Ci Cum	8	S	"

Lat. by D. R.

Long. by D. R. Callao, Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	2										s	SSE
2	"		"	"	2										s	"
3	"		"	"	2										s	"
4	"		"	"	2		30.01	70	66	63		F.C.	Ci Cum	8	S	"
5	"		"	"	2										s	"
6	"		"	"	2										s	"
7	"		"	"	1										s	"
8	"		"	"	2		30.08	69	64	62		F.C.	Cum	8	S	"
9	"		"	"	2										s	"
10	"		"	"	2										s	"
11	"		"	"	2										s	"
12	"		"	"	1		30.08	67	63	61		F.C.	Cum Nim	0	S	

REMARKS:

October 20th 1882

Clear & pleasant with light breze from Sa & Ea. Muster at quarters at 9 30 after which the crew were stationed for making sail. At 1 P.M. called away Sailing Launch, Gig, 2nd Cutter 2 and 1 at W Boat, and exercised at Naval tactics under sail.

Giuseppe Sessanna was discharged from the Naval Service by the authority of Rear Admiral G. B. Balch U.S. Navy. Comdg Naval Forces on the Pacific Station.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.02	67	63	61		Ocm	Nim	0	S	
5	"		SE	SE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.07	67	65	62		Ocm	Ci Cum	0	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.04	68	68	64		Ocm	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.00	69	66	64		Cr.	Ci Cum	1	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.00	68	66	64		Cr.	Ci Cum	1	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	1											
12	"		"	"	1		30.01	67	65	64		Cu Ci Cum		0	S	

REMARKS:

October 4 at 18[illegible]

Overcast and hazy with light breeze from SE to Ed Inspection at quarters at 9.20 and Exercises. 1st Div. target practice with 2in B.L.R. 2nd Div Great Guns. & 3rd div at Gatling gun. Inspection at quarters at 4 hrs - H. M. S. Swiftsure & Inspection Entered the harbor at 3 P.M. and anchored.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	Calm	0											
4	"		"	"	0		29.98	66	65	64	–	Fr.	Ci Cum	5	S	
5	"		"	"	0											
6	"		"	"	0											
7	"		"	"	0											
8	"		"	"	0		29.98	66	65	64	–	Fair	Ci Cum	5	S	
9	"		WNW	"	0											
10	"		"	"	0											
11	"		"	"	0											
12	"		WSW	"	0		30.02	70	69	65	–	Fr.	Ci Cum	8	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	WNW	1											
2	"		SW x S	"	2											
3	"		"	SSW	2											
4	"		"	S	1		29.99	72	70	69		Fr.	Ci Cum	6	S	
5	"		ESE	SSE	1											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	1		30.04	68	67	65		Fr.	Cirst	4	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		ENE	ENE	1		30.05	64	65	63		Com	Cu Num	0	S	

REMARKS:

November 1st 1862

~~Clear~~ Pleasant with light breeze Musterin at quarters at ~~6~~ 8 AM ~~Sent~~ away the boats armed and Equipped for duties service and Exercised at Naval Tactics under oars. Rec'd. 780 gallons of fresh water ~~Stbd~~ Fires under two boilers for distilling Musterin at quarters and Serve out clean hammocks at 4.45

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E x N	S S E	3											
2	"		"	"	3											
3	"		"	"	2											
4	"		"	"	2		30.01	63	68	62		Clear	Am Cirrus	0	S	
5	"		"	E S E	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.03	63	63	62		Clear	Cirrus	0	S	
9	"		S S E	S S E	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.06	68	66	63		Clear	Ai Cum	4	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	W N W	1											
2	"		"	W S W	1											
3	"		S S W	S S W	1											
4	"		"	"	1		30.00	70	68	65	—	Clear	Ai Cum	4	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.07	69	68	65	—	Clear	Ai Cum	3	S	
9	"		"	"	1											
10	"		S S E	S S E	1											
11	"		"	"	1											
12	"		"	"	1		30.07	69	68	65	—	Clear	Ai Cum	0	S	

REMARKS:

181

November 2nd 1892

Aviscant and warm light-breze. Musterin at quarters at 9.2o. Fredk Mayer, Carpenter was given 5 days solitary confinement on bread and water for circulating scandalous report about Shipmates. Michael Mc Grade Seaman, Geo Kappel (Las) were sent to the Receiving Ship at New York to be transferred to the hospital. Recd. Provisions from the Store Ship Onward.

LOG OF U. S. S. "Essex" 3rd Rate Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.02	66	65	62	–	ocm	Ci Cum	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.08	66	65	63	–	ocm	Ci Cum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.11	68	67	65	–	o.c.	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.06	68	67	65		o.c.	Ci Cum	0	S	
5	"		S	S	1											
6	"		SSE	ESE	1											
7	"		"	"	1											
8	"		"	"	1		30.12	68	65	65		ocm	Cum Nim	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.12	67	68	63		ocm	Cum Nim	0	S	

REMARKS:

November 3rd 1872

Overcast + cloudy light airs. Mustered at quarters at 9.30 Exercised 1st Div. at target practice 2nd Div Single Sticks & Sea Div at Small arms Recd an Official visit from the English Admiral. Loosed Sail. Mustered at quarters at 4.45

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.04	67	65	63		ocmf	Cum Nim	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	65	64	62		Bc	Ci Cum	1	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.08	66	65	63		ocm	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S×E	S×E	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.04	68	65	63		ocm	Ci Cum	0	S	
5	"		SSE	SSE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.09	68	64	62		ocm	Ci Cum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.09	68	64	68		ocm	Nim	0	S	

REMARKS:

November 4th 1892

Overcast with light breeze. Muster at quarters at 9.20 and inspection crew & Lower (Sea) Quarter boat at Landing.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.01	66	63	62		ocf.	—	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.06	66	63	62		Ban	Cirro	3	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.08	67	65	63		Ban	Cirro	1	S	

Lat. by D. R.

Long. by D. R. Callao

Lat. by Obs. Peru.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.01	68	65	63		b.c.	Cir Cum	6	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.03	68	65	63		b.c.	Cir Cum	8	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.06	68	65	63		Ocm	Cir Cum	0	S	

REMARKS:

November 5th 187-

Overcast + misty light airs. General Muster at 9.30. Articles for the Better Government of the Navy were read, and the General + special orders for the month were read.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		29.96	66	64	62		Ocm	Nim	0	S	
5	"		"	"	1											
6	"		NW×W	Calm	0											
7	"		N	"	0											
8	"		NE	"	0		30.02	63	62	59		Ocm	Nim	0	S	
9	"		"	"	0											
10	"		S	S	1											
11	"		"	"	1											
12	"		"	"	1		30.04	65	65	62		Ocm	CiCum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		29.98	67	65	63		Ocm	CiCum	1	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	1		30.01	67	64	62		Ocm	CiCum	2	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.03	65	64	62		Oc.	CiCum	0	S	

REMARKS:

November 6th 1872

Overcast and cool. Light airs. Muster at quarters at 9.20 and inspecting crew. A reward of $10 was paid for the return of Thos. Smith Lds. A Chilian gunboat entered the harbor & anchored. Hoisting and secured the sailing launch. Comdg Officer left the ship officially

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	Calm	0											
3	"		"	"	0											
4	"		"	"	0		29.96	66	65	63	—	Ovcast	Cir Cum	0	8	
5	"		S	"	0											
6	"		SSE	"	0											
7	"		"	"	0											
8	"		WSW	"	0		30.04	65	64	62	—	Cum Nim	Cum Nim	0	8	
9	"		W	"	0											
10	"		"	"	0											
11	"		WNW	"	0											
12	"		"	"	0		30.05	65	64	62	—	Ovcast	Cum Nim	0	8	

Lat. by D. R. Callao

Long. by D. R. Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		W	W	1											
2	"		"	SW	1											
3	"		SSW	SSW	1											
4	"		"	"	1		30.06	68	66	64	—	Ovcast	Cir Cum	0	8	
5	"		SSE	SSE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.05	68	65	63	—	Ovcast	Cir Cum	0	8	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		Calm	Calm	0		30.05	68	64	63	—	Ovcast	Cir Cum	0	8	

REMARKS:

November 7th 1872

Overcast- cloudy & misty, light airs, Barometer steady, Mustered at quarters at 9.30 and inspected crew Mustered at quarters at 4.45-

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A.H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NNW	WNW		1										
2	"		NW	"		0-1										
3	"		"	"		0-1										
4	"		SE	SE		0-1	30.03	65-	65-	63	—	Ocm	Cm Nim	0	S	
5	"		Calm	Calm		0-1										
6	"		NNW	"		0										
7	"		SSE	"		0										
8	"		"	SSE		1	30.10	65-	64	62	—	Ocm	Nim Cm	0	S	
9	"		SSW	"		1										
10	"		"	"		1										
11	"		SSE	"		1										
12	"		"	"		1	30.10	67	67	63	—	Fc.	Ci Cm	2	S	

Lat. by D. R.

Long. by D. R. Callao

Lat. by Obs. Peru

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S		1										
2	"		SSE	SSE		1										
3	"		"	"		1										
4	"		"	"		1	30.05-	67	66	65-		Ocm	Ci Cm	0	S	
5	"		"	"		1										
6	"		"	"		1										
7	"		"	"		1										
8	"		SxE	SxE		1	30.07	68	65-63			Ocm	Ci Cm	0	S	
9	"		S	"		1										
10	"		SSE	SSE		1										
11	"		"	"		1										
12	"		"	"		1	30.1	67	6663			Ocm	Ci Nim	0	S	

REMARKS:

November 8th 1872

Overcast with light airs. Muskets at quarters at 9.30 already in 3m 15s after the beat to general quarters, secured in 6m The French flagship Montcalm entered the harbor and Anchored Salutes of 13 guns were Exchanged between the Montcalm and the other saluting ships in the harbor the Pensacola Excepted.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick USN.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		S	"	1		30.04	66	64	63	-	Ocm	Ci Cum	0	S	
5	"		"	"	1											
6	"		SSE	SSE	1											
7	"		"	"	1											
8	"		"	"	1		30.09	66	66	63	-	Ocm	Ci Cum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.11	67	66	63	-	Oc.	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	S	1											
2	"		"	SSE	1											
3	"		"	"	1											
4	"		"	"	1		30.04	69	67	63	-	Oc.	Ci Cum	2	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.04	67	67	63	-	Oc	Ci Cum	6	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.08	66	64	62	-	Ocm	Ci Cum	5-	S	

REMARKS:

November 9th 1872

Overcast but pleasant light breeze barometer steady Mustering at quarters at 9.20. Rcd. 1200 gallons of fresh water. The police authorities brought off Thos. Wayne (Jinksher) and received the reward $110 that was offered for his return. Mustered at quarters at 4.45 P.M.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	3											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.04	66	66	64	—	oe	ci Cum	0	S	
5	"		"	"	2											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	66	63	62	—	o.c.	ci Cum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.11	68	68	63	—	fo.	ci Cum	4	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.06	69	66	64		fo.	ci Cui	3	S	
5	"		"	"	2											
6	"		SSE	SSE	2											
7	"		"	"	2											
8	"		"	"	2		30.07	69	65-63			fo.	ci st	8	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.10	68	64	62		fo. ci st.		1	S	

REMARKS:

November 10th 1872

Overcast and cloudy light breeze employed at quarters at 9.30 and Exercised at routine drills. Rear Admirals Balch & Lyons visited the Montcalm. The Commdg. Officer of the Essex exchanged visits with the Commdg Officer of the Montcalm.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.04	66	64	62	-	oc	Cir Cum	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	68	65	63	-	Fc.	Cir Cum	9	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		S	S	2											
12	"		"	"	2		30.10	68	65	63	-	Fc.	Cir Cum	4	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	"	"	S	S	2											
2	"	"	"	SxE	2											
3	"	"	"	"	2											
4	"	"	"	"	2		30.06	70	66	63		Fc.	Cirst.	5	S	
5	"	"	SSE	SSE	1											
6	"	"	"	"	1											
7	"	"	"	"	1											
8	"	"	"	"	1		30.06	69	65	63	-	Fc.	Cir Nim	2	S	
9	"	"	"	"	1											
10	"	"	"	"	1											
11	"	"	"	"	1											
12	"	"	"	"	1		30.06	69	65-63			oc.	Cir Nim	0	S	

REMARKS:

November 11th 1872

Overcast and pleasant, light breeze Mustered at quarters at 9.20 and inspected crew. Mustered at quarters at 4.45-

LOG OF U. S. Steamer "Essex" Commanded by A H McCormick Acting

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchored		S	S	2											
2	"		"	"	1											
3	"		"	"	1											
4	"		S x W	"	1		30.00	68	65	63	—	o.c.	ai Cum	0	S	
5	"		S S E	Calm	0											
6	"		"	"	0											
7	"		N W	S W	1											
8	"		"	"	1		30.06	65	64	62	—	o.c.	ai Cum	0	S	
9	"		S S E	S S E	1											
10	"		N N W	"	1											
11	"		"	"	1											
12	"		"	"	1		30.06	66	66	62	—	Fc.	ai Cum	1	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		N N W	N N W	1											
2	"		"	"	1											
3	"		W S W	S W	1											
4	"		"	S S W	2		30.03	70	68	64	—	Fc	ai Cum	6	S	
5	"		"	"	2											
6	"		S S E	S	1											
7	"		"	S S E	1											
8	"		"	"	1		30.08	68	66	63	—	oc	ai Cum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.07	68	68	63	—	Ocu	Cum Nims	0	S	

REMARKS:

181 November 12th 1872

Overcast with light airs Muster'd at quarters at 9.30. The Comndg Officer inspected ship & crew.

LOG OF U. S. Steamer Essex Commanded by A. H. McCormick USN

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		NW	SxW	1											
2	"		W	"	1											
3	"		SSW	SSE	1											
4	"		S	"	0-1		30.04	65	64	62		oc	ciCum	0	S	
5	"		SExS	"	0-1											
6	"		"	"	1											
7	"		"	Calm	1											
8	"		"	NNW	0		30.07	66	65	63		Fc.	ciCum	1	S	
9	"		NNW	"	1											
10	"		W	"	1											
11	"		WNW	"	1											
12	"		NNW	"	1		30.06	68	67	64		Fc.	ciCum	8	S	

Lat. by D. R.

Long. by D. R. Callao

Lat. by Obs. Peru

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		NW	NW	1											
2	"		W	"	1											
3	"		SSW	S	1											
4	"		S	SxW	1		30.00	70	67	64	–	ciCum		8	S	
5	"		SExS	SExS	1											
6	"		"	"	1											
7	"		"	SSE	2											
8	"		"	SE	2		30.08	69	67	64	–	ciCum		1	S	
9	"		SSE	SExS	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.04	69	65	63	–	ciCum		0	S	

REMARKS:

November 13th 1872

Overcast & pleasant with light airs from So & Ea. Quarters at 9.20. Fly "Blanco Encalgada" fired a salute of 13 guns with the English flag at the fore and was answered by the Swiftsure. At Sunset the French Admiral hauled down his flag and was saluted by all the saluting ships and the salutes were answered by the Montcalm

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE												
2	"		"	"												
3	"		"	"												
4	"		"	"			30.02	69	65	63	–	O.C.	Ci Cum	0	S	
5	"		"	"												
6	"		SSW	SSW												
7	"		"	"												
8	"		"	"			30.09	67	64	63	–	Ocm	Ci Cum	0	S	
9	"		WSW	WSW												
10	"		"	"												
11	"		"	"												
12	"		W	"			30.01	69	67	64	–	Fair	Ci Cum	1	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Ther. Att'd.	Temperature. Air.	Wet Bulb.	Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		WSW	WNW												
2	"		"	W												
3	"		SS"W	SSE												
4	"		"	SSW			30.06	73	69	64	–	F.C.	Ci Cum	9	S	
5	"		"	"												
6	"		SSE	SSE												
7	"		"	"												
8	"		"	"			30.05	70	69	64	–	F	—	10	S	
9	"		"	"												
10	"		"	"												
11	"		"	Calm												
12	"		"	"			30.10	69	65	62	–	F	—	10	S	

REMARKS:

November 14th 1872

Overcast and cloudy. At 8 am. the new French Admiral hoisted his flag which was saluted by the ships in the harbor with 13 guns each the salutes were answered by the Montcalm

Mustered at quarters at 9.30 and exercised at routine drills. At 8 sent up royal yards. and at sunset sent down royal + top yards.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		ESE	"	1											
3	"		SSE	"	1											
4	"		"	"	1		30.04	68	67	65		Oc.	Ci Nim	0	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.04	68	67	65		Ocm	Ci Nim	0	S	
9	"		SE	SE	0.											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.09	70	69	66		Bc.	Ci Cum	7	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SxW	SxW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.05	72	70	66	-	Bc.	Ci Cum	4	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		SxE	SxE	1											
8	"		SSE	"	1		30.06	70	67	64	-	Bc.	Ci Cum	4	S	
9	"		"	"	1											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	1		30.09	70	67	64	-	Bc.	Ci Cum	2	S	

REMARKS:

November 15th 1882

Overcast and cloudy light breeze. Musters at quarters at 9.30. When Commd Officer inspected ship and crew. The Moyticalun fired a salute of 13 guns with Chilean flag at fore. The Blanco Encalada left the harbor and fired several times with her heavy guns when she got outside the shipping.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McConnich

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S×E	S×E	2											
2	"		"	"	2											
3	"		"	"	1											
4	"		"	"	1		30.00	66	64	62		ocd	Ci Cum	0	S	
5	"		"	"	1											
6	"		S E	E S E	"											
7	"		S S E	E N E	"											
8	"		E N E	"	1		30.06	66	64	62		ocm	Ci Cum	0	S	
9	"		E "	S E	1											
10	"		S E	"	1											
11	"		"	"	1											
12	"		"	"	1		30.06	69	66	62		ocm	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S×W	S	1											
2	"		"	"	2											
3	"		S S E	S S E	2											
4	"		"	"	1		30.05	72	69	63		fc.	Ci Cum	4	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	2											
8	"		"	"	1		30.07	70	67	62		fc.	Ci Cum	9	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.07	69	66	62		fc.	cir	8	S	

REMARKS:

November 16th 1872

Overcast and pleasant light breeze. Musters at quarters at 9.30. Enlisted for special service as Lds Ah Ham. Recd from U.S.S. Onward Chas Dickson at sunset sent down light yards.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		E	Calm												
2	"		"	"												
3	"		NE	ENE			30.08	65	63	59		Fair	Ci Cum	7	8	
4	"		"	"												
5	"		ENE	"												
6	"		"	Calm												
7	"		"	"												
8	"		SE	SE			30.04	69	65	62		Fair	Cir Cum	6	8	
9	"		SSE	"												
10	"		"	SSE												
11	"		"	"												
12	"		S	"			30.04	68	69	65		Fair	—	10	5	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.06	71	68	65		F.C.	Cir Cum	8	5	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	SxE	2											
8	"		"	SSE	2		30.09	70	66	64		F.C.	Cir Cum	6	5	
9	"		SSE	"	1											
10	"		"	"	1											
11	"		ESE	"	1											
12	"		SE	"	1		30.08	68	66	63		F.C.	Cir Strat	3	6	

REMARKS:

November 17th 18[illegible]

Overcast and pleasant light breeze. Crossed topt yards at 8 a.m. Bent Mainsail and started fires for distilling. The Flagship fired Salutes of 17 guns in honor of Admiral Lynch Chilian Navy. Rcd an official visit from the French Admiral.

LOG OF U. S. Steamer "Essex" Commanded by Comndr. A H McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SE	SE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.05	68	66	62		Oc.	Ci Cum	0	S	
5	"		ESE	ESE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.11	68	67	63		Oc.	Ci Cum	0	S	
9	"		SSE	SSE	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	70	68	64		Oc.	Ci Cum	0	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		SxE	SE	1											
4	"		"	"	1		30.05	72	70	65		Oc.	Ci Cum	8	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	1											
8	"		"	SxE	1		30.06	70	66	63		Oc.	Ci Cum	4	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.09	70	67	64		Oc.	Ci Cum	0	S	

REMARKS:

November 18th 1872

Overcast and pleasant with light breeze.
The Flag Ship made general signal 1087. By order of the Comndg Officer John O'Connell was given 3 days Solitary confinement on Bread and water for being drunk & disorderly.

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A H McCrackin

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		ESE	"	1											
3	"		SSE	"	1											
4	"		"	"	1		30.04	68	67	63		o.c.	ci nim	0	0	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.04	68	67	63		8 cum	ci nim	0	0	
9	"		S.E.	SE	0.1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.09	70	69	66		8.c.	ci cum	7	0	

Lat. by D. R. Callao Peru

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		SxW	SxW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.05	72	70	66	—	8.c.	ci cum	4	0	
5	"		"	"	1											
6	"		"	"	1											
7	"		SxE	SxE	1											
8	"		SSE	"	1		30.06	70	67	64	—	8.c.	ci cum	4	0	
9	"		"	"	1											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	1		30.09	70	67	64	—	8.c.	ci cum	2	0	

REMARKS:

November 19th 1872

Overcast and Cloudy; light breeze Muster at quarters at 9.30 The Mouleaux fired a salute of 10 guns with Spanish flag at fore. The Blanco Encolada left the harbor firing several guns with her heavy guns as she went out.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		ESE	Calm	0											
2	"		"	"	0											
3	"		"	"	0											
4	"		"	"	0		30.03	67	65	63		Fo.	Cum	1	S	
5	"		"	"	0											
6	"		NNW	"	0											
7	"		"	"	0											
8	"		"	"	0		30.05	64	65	61		Fo.	Cum	2	S	
9	"		"	NNW	1											
10	"		NW	NW	1											
11	"		NNW	NNW	1											
12	"		WSW	SSW	1		30.10	69	68	64		Fo.	Cicum	6	S	

Lat. by D. R.

Long. by D. R. Callao

Lat. by Obs. Peru

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	S x W	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.08	70	69	65		Fo.	Cum	2	S	
5	"		SSE	SE	2											
6	"		"	"	2											
7	"		"	"	1											
8	"		"	"	1		30.10	66	64			Fo.	Cicum	1	S	
9	"		"	SSE	2											
10	"		"	"	2											
11	"		"	SE	2											
12	"		"	"	2		30.11	66	65-63			Fo.	Cicst.	1	S	

REMARKS:

November 20th 187-

Clear & pleasant light Variable winds and Calms. Moored ship and inspection crew at 9.20. Dressed ship with Italian flag at mizzen. Salutes were fired of 21 guns by all the Saluting ships in the harbor at ~~Lima~~ Noon and Sunset. Quarters at 4.45.

LOG OF U. S. Steamer "Essex" Commanded by Commdr. A H McCouch

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SE	SE	2											
2	"		"	"	2											
3	"		"	"	1											
4	"		"	"	1		30.04	68	66	64		Fair	ci Cum	2	S	
5	"		"	"	0-1											
6	"		"	"	0-1											
7	"		"	"	0-1											
8	"		SW	SW	1		30.11	68	66	64		Fair	ci Cum	4	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.11	72	70	65-		Fr.	ci Cum	9	S	

Lat. by D. R. Callao Peru

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	SSW	2											
2	"		S	S	2											
3	"		"	"	1											
4	"		SSE	SSE	2		30.06	73	75	69		Fr.	ci Cum	6	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.07	69	67	64		Fr.	ci	6-	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.10	69	67	64		Fr.	ci Cum	6-	S	

REMARKS:

November 25th 1872

Clear and pleasant. Crossed royal yards at 8 a.m.. Mustered and inspected crew at 9.20 and exercised at routine drills. Mustered at quarters at 4 P.M.

LOG OF U. S. Steamer Essex Commanded by Comndr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		"	"	1											
3	"		SE	"	1											
4	"		ESE	"	1		30.06	68	67	64		O.C.	Ci Cum	0	S	
5	"		SSE	"	1											
6	"		"	"	0-1											
7	"		"	"	0-1											
8	"		"	"	1		30.10	68	67	64		B.C.	Ci Cumt	2	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		SxE	SE	1											
12	"		"	"	1		30.11	72	70	66		B.C.	Ci Cum	3	S	

Lat. by D. R.

Long. by D. R. Callao

Lat. by Obs. Peru

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.05	72	70	66		B.C.	Ci Cum	7	S	
5	"		SSE	SSE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	SE	1		30.08	71	67	64		B.C.	Ci Cum	2	S	
9	"		SE	"	1											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.07	0	66	64		Ocm	Ci Cum	1	S	

REMARKS:

November 22nd 1872

Weather cloudy and cool. at 8 AM. crossed light yards Muskets at quarters at 9.20 & Exercised all divisions at great guns. Received visit from Rear Admiral Balch & Officers French Ram Eclaireur left the harbor. At sunset sent down light yards

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SE	SE	3											
2	"		"	"	3											
3	"		"	"	3											
4	"		"	"	3		30.05	68	65	63		Bcm	Ci Cum	2	S	
5	"		"	"	1											
6	"		SSE	SSE	1											
7	"		"	"	1											
8	"		"	"	1		30.10	68	66	64		Bc	Ci Cum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	SxW	1											
12	"		"	"	1		30.07	70	70	67		Bc	Ci Cum	4	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		SSE	SSE	2		30.04	70	68	66		Bc	Ci Cum	5	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.07	69	66	64		Bc	Ci Cum	3	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.05	69	66	64		Bcm.	Ci Cum	6	S	

REMARKS:

November 20th 1862

Weather warm and pleasant. Course light yds and 8 A.M.. At 9.30 went to Quarters & Exercised Divisions. Ward Montgomery (1 C.T.) was found absent without leave. Mustered at quarters at 4 P.M. Sent down royal and t'gt yds at sunset.

LOG OF U. S. S. "Essex" 3rd Rate Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SE	SE	1											
2	"		"	"	0.1											
3	"		"	"	0.1											
4	"		"	Calm	0		30.03	68	66	64		Ocm	Ci Nim	0	S	
5	"		"	"	0											
6	"		SSE	"	0											
7	"		"	"	0											
8	"		NW	"	0		30.08	68	66	64		Ocm	Ci Cum	0	S	
9	"		W	WbyW	1											
10	"		WNW	Calm	0											
11	"		W	"	0											
12	"		WSW	"	0		30.10	68	67	65		bcg	Ci Cum	1	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SxE	SxE	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.04	71	69	68		bc.	Ci Nim	3	S	
5	"		ESE	SSE	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.06	70	66	64		bc.	Ci Cum	2	S	
9	"		"	"	1											
10	"		SE	"	1											
11	"		SSE	"	1											
12	"		SE	"	1		30.09	68	66	63		bc.	Ci Cum	3	S	

REMARKS:

November 24th 1862

Weather overcast and hazy at 8 AM. Crossed royal yards David Montgomery (J C.T.) returned on board. At 4.45 P.M. Unstruck at quarters. Carpenter and crew at Spars.

LOG OF U. S. S. "Essex" Commanded by A. H. McCormick Lieut.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	3											
2	"		"	"	3											
3	"		"	"	2											
4	"		SE	SE	2		30.04	67	65	65		B.C.	Ci Cum	2	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		"	"	1		30.10	67	65	63		O.C.	Ci Cum	0	S	
9	"		"	"	1											
10	"		SSE	SSE	1											
11	"		"	"	1											
12	"		"	"	1		30.10	67	65	65		B.C.	Ci Cum	4	S	

Lat. by D. R. Callao

Long. by D. R. Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		SSE	SSE	2		30.04	70	68	65		B.C.	Ci Cum	5	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	"	2											
8	"		"	"	2		30.09	69	66	64		B.C.	Ci Cum	3	S	
9	"		"	"	2											
10	"		"	"	2											
11	"		"	"	2											
12	"		"	"	2		30.08	69	66	64		Rain	Ci Cum	6	S	

REMARKS:

Nov. 25-th 1862

Weather partialy cloudy and pleasant. Hailed ashore at 7 A.M. with Flagstaff on account of the English gunboat Rocket coming into the harbor. Mustered at quarters at 9.30 at 12.20 a Chilean gunboat Entered the harbor. Mustered at quarters at 4.45 -

LOG OF U. S. Steamer "Essex" Commanded by Comdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	2											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.00	67	65	63		ocm	Nim	0	S	
5	"		"	"	1											
6	"		SE	SE	1											
7	"		"	"	1											
8	"		"	"	1		30.07	68	68	64		ocnd	Nim	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	70	68	64		Bc	Nim	3	S	

Lat. by D. R. Callao Peru

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor	SxE	SxE	1												
2	"	S	S	2												
3	"	"	"	2												
4	"	"	"	2		30.04	73	70	66		Bc.	Ci Cum	3	S		
5	"	SSE	SSE	2												
6	"	"	"	2												
7	"	SExS	SExS	2												
8	"	"	"	3		30.06	70	66	64		Bc.	Ci Cum	7	S		
9	"	SSE	SSE	3												
10	"	"	"	3												
11	"	"	"	3												
12	"	"	"	3		30.06	70	66	64		Bc.	Cu-st	1	S		

REMARKS:

November 26 1882

Weather cloudy and pleasant with light airs. Mustered at quarters at 9.30 when the Comndg. Officer inspected Ship and Crew. Made preparations for Shakedown.

LOG OF U. S. Steamer "Essex" Commanded by Commdr A.H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SE	SE	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		"	"	1		30.00	67	66	63		oc	ci Cum	0	S	
5	"		"	"	1											
6	"		"	Calm	0											
7	"		"	"	0											
8	"		"	"	0		30.06	67	66	64		oc	ci Cum	1	S	
9	"		SSW	"	0											
10	"		NNW	"	0											
11	"		W	"	0											
12	"		"	"	0		30.08	69	67	64		Bc	ci Cum	2	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor		W	Calm	0											
2	"		"	"	0											
3	"		S	S	1											
4	"		"	"	1		30.02	70	67	64		Bc	ci Cum	3	S	"
5	"		SSE	SSE	1											
6	"		"	"	1											"
7	"		"	"	1											
8	"		"	"	1		30.06	70	67	64		Bc	ci Cum	3	S	" "
9	"		"	"	1											
10	"		"	"	1											"
11	"		"	"	1											"
12	"		"	"	1		30.06	69	67	65		Bc	ci Cum	0	S	"

REMARKS:

November 27th 1872

Weather clear and pleasant at 7 a.m. Sent boat with four Officers to to take part in the ceremonies attending the burial of Spanish men and Officers whos bodies have been on the Island of San Lorenzo since the war between Spain and Peru in 1866 Began drydocking at 7 a.m. U.S.S. Iroquois left the harbor under sail. Sent down light yards and sent light sails at Sunset.

LOG OF U. S. Steam Essex Commanded by Commdr. A. H. McCormick

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		S	S	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		SSE	SSE	1		30.02	68	67	65-		Ocm	Ci Nim	0	S	
5	"		"	"	1											
6	"		S	S	1											
7	"		"	"	1											
8	"		"	"	1		30.10	69	66	64		Fc	CiCum	0	S	
9	"		"	"	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	70	70	66		Fc	CiCum	8	S	

Lat. by D. R.

Long. by D. R. Callao Peru.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSW	SSW	1											
2	"		"	"	1											
3	"		"	"	1											
4	"		S	S	1		30.02	72	69	65-		Fc	CiCum	9	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		"	"	1											
8	"		SSE	SSW	1		30.06	70	69	65-		Fc.	CiCum	2	S	
9	"		SE	SE	1											
10	"		"	"	1											
11	"		SSE	SSE	1											
12	"		"	"	1		30.07	69	64	65-		Fc.	CiCum	6	S	

REMARKS:

November 28th 1872

Weather overcast and warm. At 8 AM. crossed light yards and bent gear. Quarters at 9.20 found Com Thomas absent without leave. At 9.45 Pensacola. Made signal I-S-20 and at 10 o'clock 1645. Sent down light yards at anchor.

LOG OF U. S. Steamer "Essex" Commanded by Coundr. A.H. McCormick

Hour.	Knots.	Futhoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	1											
2	"		SE	"	1											
3	"		SSE	"	1											
4	"		"	"	1		30,03	68	66	64		Fair	Ci Cum	3	S	
5	"		"	"	1											
6	"		"	"	1											
7	"		SE	SE	1											
8	"		"	"	1		30.07	67	66	65		Fc	Ci Cum	8	S	
9	"		S	S	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.10	69	68	65		Fc	Ci Cum	6	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

Hour.	Knots.	Futhoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	Anchor		SSE	SSE	2											
2	"		"	"	2											
3	"		"	"	2											
4	"		"	"	2		30.05	72	69	65		Fc.	Ci Cum	2	S	
5	"		"	"	2											
6	"		"	"	2											
7	"		"	SE	1											
8	"		"	S	1		30.06	70	67	65		Fc.	Ci Cum	4	S	
9	"		"	SSE	1											
10	"		"	"	1											
11	"		"	"	1											
12	"		"	"	1		30.07	67	66	64		Fc.	Ci Cum	2	S	

REMARKS:

November 29th 1872

Weather cloudy but pleasant. At 8 A.M. crossed royal and topt yards loosed sail. Mustered at quarters at 9.30 and exercised at Battalion drills. Furled sail at 11.30 The saluting ships in the harbor fired salutes of 11 guns each with the German flag at the fore.

LOG OF U. S. Steamer "Essex" Commanded by A. H. McCormick U.S.N.

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1	at Anchor		SE x S	SSE	1											
2	"		"	"	1											
3	"		S	S	1											
4	"		"	"	1		30.04	68	66	64		Fair	a Cum	6	S	
5	"		SSE	SSE	1											
6	"		"	Calm	0											
7	"		"	"	0											
8	"		S	"	0		30.00	67	67	65		Fog	Cir Cum	7	S	
9	"		SSW	"	0											
10	"		"	"	0											
11	"		S	S	1											
12	"		"	"	1		30.10	70	68	65		Fog	Cir Cum	2	S	

Lat. by D. R.

Long. by D. R. Callao Peru

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1	Anchor	ESE	SSE	1												
2	"	"	"	2												
3	"	"	"	2												
4	"	"	"	2		30.07	70	68	65		Fog	Cir Cum	2	S		
5	"	"	"	2												
6	"	"	"	2												
7	"	"	"	2												
8	"	"	"	2		30.07	70	66	64		Fair	St.	4	S		
9	"	"	"	2												
10	"	"	"	2												
11	"	"	"	2												
12	"	"	"	2		30.10	69	66	64		Fog	Cir St.	6	S		

REMARKS:

Nov. 30th 1892

Clear & pleasant. Sent up lower yards at 8 A.M. Muster at quarters at 4.45 P.

Approved

A. H. McCormick
Commanding Steamer

LOG OF U. S. *Commanded by*

Hour.	Knots.	Fathoms.	Courses Steered.	Wind. Direction.	Wind. Force.	Leeway.	Barometer. Height in inches.	Barometer. Ther. Att'd.	Temperature. Air.	Temperature. Wet Bulb.	Temperature. Water.	State of the Weather.	Form of Clouds.	Prop. of Cl'r Sky in 10ths.	State of the Sea.	Record of the Sails the Vessel was under at end of Watch.
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Lat. by D. R.

Long. by D. R.

Lat. by Obs.

Long by Obs.

Dist. per Log,

Rate of Current,

Set " "

Variation of Compass,

1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

REMARKS:

_____ 187